Outdoor America

JUNE, 1928

Price 25 Cents

Owned and Published by Izaak Walton League of America

DEFENDER OF WO WAT RS AND WILD LIFE

He had Unpolluted Waters to Fish in and
He Never Took More Than He Needed

LOYALTY

COMPLETE unity of effort is always an attribute of any organization which seeks first of all the loyalty and confidence of its personnel. ¶ The personnel of the Izaak Walton League is its entire membership, and the esprit de corps that has wielded a hundred and fifty thousand outdoorsmen into a single working body is perhaps the strongest pillar in the League's structure. ¶ One reason for this unanimity of interest is that the ownership of Outdoor America is shared by each individual member of the League. ¶ The natural result of this is that the magazine in which lies the interest of ownership and participation is always first in the minds of Waltonians. The editorial contents and the advertising pages share equally this undivided attention.

The Annual Sportsmen'sShow

Once each year, at the time of the National Convention of the Izaak Walton League, the advertisers in Outdoor America, and its readers, meet.

This is the NationalSportsmen's Show — the foremost exhibit of outdoor equipment and accessories in America.

At this Show there are usually about one hundred booths, showing the latest trend in outdoor wares; the Waltonian attendance is usually about forty thousand.

Here meet the foremost manufacturers and the foremost sportsmen in this country.

Cooperation

Fortunate is the magazine which can offer this form of personal contact to its advertisers. Fortunate are the advertisers who can take advantage of it. Fortunate are the members who are thus enabled to better indulge their hobby.

Service to Everybody

It is a peculiarity of the Waltonian organization that every action taken benefits everybody — An example of this lies in the fact—true alone of the magazine owned and published by the League—that the revenue derived from advertisers goes directly into building up further outdoor sport — insuring the things on which their business directly depends.

Such activities as insuring present sport, increasing game and fish, creating further recreation areas, making more sportsmen and better ones, react to the direct advantage of the advertiser.

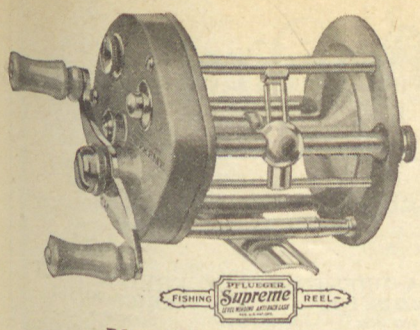
Cooperation

Selfishness may prompt patronage of their own advertisers by the members of the League. But such selfishness is called "cooperation" and it springs from the loyalty of Waltonians to their cause — which is anything but selfish.

Izaak Walton League of America

Randolph and Clinton Sts. Chicago, Ill.

For information about the advertisements in Outdoor America address the Advertising Department.



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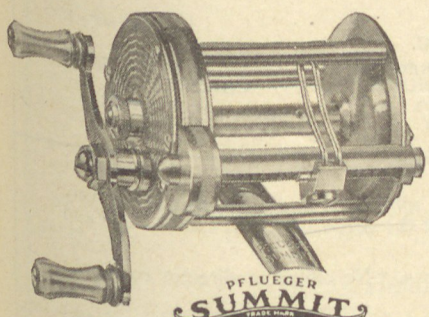

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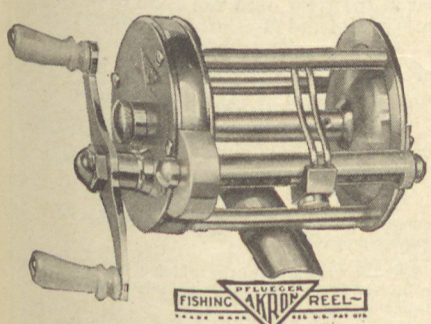

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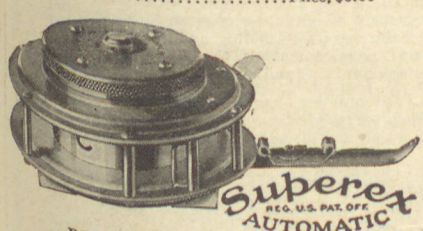

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Seven Sizes
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THE ENTERPRISE MFG. CO.
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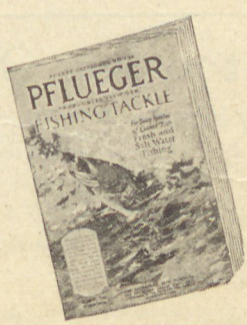

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Address.....

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THE IZAAK WALTON LEAGUE OF AMERICA is a national organization of sportsmen and sportswomen actively interested in the preservation and restoration of America's recreational areas and the perpetuation of sports afield and astream, having more than 3000 chapter units throughout North America.

The League has no commercial interests, political alliances or religious affiliations. No officer or director receives a salary.

This magazine, to which the leading writers and artists of America contribute, is published only for the purpose of further disseminating information on the necessity for conserving the remnants of our national heritage.

This Platform of Waltonism Means

More forests
More clean streams
More fish and game
More outdoor life

These are the greatest blessings we can acquire for ourselves and for our children, the best legacy we can leave them, adding to their happiness, their health, and their character.

The objects of the Izaak Walton League of America are:

To develop opportunities for the enjoyment of the great outdoors as an essential part of the character building and the spiritual and physical development of our people.

To encourage the protection and restoration of woods, wild flowers and wild life.

To safeguard the public health and conserve aquatic life by the elimination of pollution, and

To restore and transmit to posterity the Outdoor America of our ancestors.

The League's platform is as follows:

1. A comprehensive system of forest extension and management, reforestation of denuded areas, and proper encouragement to private landowners to grow timber.

2. A copious supply of pure water to safeguard public health and conserve aquatic life, and an aggressive campaign to eradicate pollution from inland and coastal waters.

3. Opposition to drainage projects which injure natural resources without equivalent benefit to the general public, and the restoration of unwisely drained areas.

4. More adequate protection for beneficial wild life, and the establishment of an ample number of properly administered fish and game refuges, and public fishing and hunting grounds.

5. The establishment of sufficient fish hatcheries and game farms for increased propagation and wider distribution of fish and game.

6. The establishment of biological experiment stations for the training of scientific workers to guarantee expert supervision of all game and fish propagation and distribution.

7. Opposition to the sale and interstate shipment of game and of fresh water game fishes, except for purposes of propagation.

8. Scientific regulation of the taking of salt water game fishes and prohibition of the sale of certain anadromous species.

9. Encouragement of a more universal appreciation of the aesthetic and economic value of our birds and wild flowers.

10. To develop greater opportunities for and encouragement of outdoor recreation as an essential part of the character-building, and the spiritual and physical development of the American people, especially our boys and girls.

11. The practice of true sportsmanship, respect for the property of others, and strenuous opposition to all unfair and illegal methods.

12. The teaching of nature study and the fundamental principles of conservation in all schools of America.

13. Co-operation with all organizations having like aims and better co-ordination of the efforts of such organizations with state and governmental agencies.

14. An unceasing militant educational campaign to attain the declared objects of the Izaak Walton League.

Will You Fight to Save Our Outdoors?

Do you want your boys and girls to enjoy hunting, fishing and camping?

If so, use this coupon now.

Join This Great Movement Now!

Izaak Walton League, Clinton and Randolph Streets, Chicago, Illinois.
Please tell me, without obligation or cost, how I may best aid in the campaign to save our outdoor heritage.

Name.....

Address.....

City.....State.....

Defender of Woods, Waters and Wild Life

Outdoor America

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Editor

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"Places of Healing"

By

HAROLD BELL WRIGHT

WHEN I consider the driving tendencies of these latter days of my generation, and ask myself to what end are we being hurried at such a terrific pace, I am depressed. Faster, faster, faster! To save time is the universal creed—save time though in the effort we lose all that gives time any value. Can human flesh and bone and blood and nerve stand the strain? Can the souls of men endure the stress?

But when I observe the steadily growing interest in the things for which the Izaak Walton League stands; when I see the cause of conservation gaining converts, and consider the work accomplished by those who labor to save America's out-door life, I am heartened. In the ideals, and teachings of those who have heard the call of the out-of-doors God, and who have known the healing power of woods and hills and lakes and streams, there is hope. To these disciples of healthful out-door sanity we may look for that saving relief from the destructive forces which are driving us to death.

Save the Superior National Forest and the Quetico Provincial Park? *How dare thinking men and women of these days do less than save not only this but many other places of healing for their children?*

"And, Behold, It Was Very Good!"

By
MARGUERITE IVES

"AND God looked upon everything that He had made and behold, it was very good." So I think the Garden of Eden must have been a forest, a forest where great aisles of trees stretched up—up—like souls searching for immortality, a forest where the sunlight flickering through a trillion leaves irradiated the earth "with greens like jade, like jewels, like summer seas, like seaweed, moss and sacred Chinese teas." A forest where shadows fell as softly as crooned lullabies, as sinister as gliding serpents, as mysterious and varied as is life.

No wonder fairy tales are mostly laid in forests, where imagery, and dreams, fantasies and elves hold sway, where rain drops could so well be pearls and flowers and birds and beasts be princes in disguise.

Foolish, sentimental nonsense? Yes, perhaps on the printed page, but not so in a man's imaginings when the forest casts its spell on him; not so, when in the strange, vibrant hush of the woods, a man hears music and sees such beauty all about him that his soul declares, "And behold, it *is* very good."

Have you not felt the strangest fear in forests? Have you not experienced the keenest emotions of joy and odd inexplicable pain? Have you not wanted suddenly to leap joyously like Pan, to sing and laugh aloud? And have you not felt burdened with a reasonless woe and yearned to weep with luxurious abandon?

Such power to stir us has perfect beauty! And no greater beauty does earth possess than forest beauty. It appeals to our every sense. It stirs the spiritual in us, the intellectual and the primitive. Perhaps the lust to kill wild life is but an instinct to claim that long-ago promise to man of dominion over the earth. Certainly the idea of true sportsmanship, the decent man's sense of moderation and fair play is engendered by his conception of the beauty of the forest-land and its life and the realization of his need of such beauty.

Theodore Roosevelt Did Not Create the Superior National Forest to DAMn It

The need is undeniable. It is engrained in the very core and sinews and heart of mankind. No man and no nation can acquire a sense of completeness, can survive spiritually and physically without the influence of outdoor beauty of some sort. Many may scoff at this thought. They may protest they care nothing about the outdoors, that they are uncomfortable camping out, that they dislike hunting and abhor fishing. (I admit it sounds incredible.) But analyze further. These same people love *something* outdoors. Perhaps they play golf. Is it entirely the zest of the game, do you think, or is it the unconscious lure of the good earth underfoot and the sky and clouds above?

Do people motor solely for the pleasure or convenience of it or does the wind in their faces or the vistas of outdoor beauty seen even from a closed town car and with the handicap of advertising billboards enter in?

Many may never care to go off into the woods, but is there not a garden they cherish, a hedge they prize, an old gnarled apple tree in the back yard they guard?

Summing it all up, is there not almost without exception, in all people's hobbies and hearts, something we might designate as corresponding to the "geranium on the window sill?"

You may be sure there is, in some form or other, consciously or unconsciously—its "jest human natur," my friends.

In my opinion, all prisons and hospitals and most certainly, all orphanages and houses of correction for our youth, should be in as much outdoor surroundings as possible. It may be an absurd and illogical idea (but after all, this is my article and if I want to blazon myself herein as a fool, it's my privilege) but can you imagine a more redemptive and purifying place for a prison than a forest? Would not even bad men be a little better there?—"that little strip of blue we prisoners call the sky!"

However, I admit, any such plan carried out by our institutions would be hard on the forests though *our forests have learned to suffer.*

In many instances we have treated them to far worse fates with far less worthy motives. We have allowed them to be sacrificed, raped, denuded, despoiled—yes, I have other descriptive words just as true, but I will spare you. We have sold them for the proverbial mess of pottage. We have exchanged them for gold, dull and tawdry gold not to be compared with the shining gold of the sunlight gleaming through their branches. We have commercialized them by greed, greed blacker than the blackest velvety nights that ever descended in peace upon them.

You and I are not to blame? Well no, perhaps not—apathy not being rated as a crime and though no excuse for us in law, we might also in the past have pled ignorance. *But this we can do no longer. From the very housetops America has been warned about her forests.*

The conservation conscience of the nation has been awakened. The danger of the indifference of each one of us towards our outdoors has been reiterated.

Will we heed the warnings? Will we listen? Will we *act?* The particular forest we must now consider might be called a composite of a thousand smaller forests with whose charms we are familiar. It is of tremendous scope. The memories of ten thousand campfires light up its perspectives. It is a forest *one million four hundred thousand acres in extent. It is 7 times larger than Yellowstone Park. And it is within 48 hours' travel of 25% of all America.* There are 25 million people within a radius of 500 miles of this last great American wilderness.

It is difficult to realize, and almost impossible to visualize so huge an outdoor area. And to paint a picture of all its inclusive beauties is a task not, as I most humbly realize, for me to adequately paint, not even for a great poet or artist, but a *composite* conception of the separate pictures and individual dreams of untold members of outdoor lovers.

Days and days and days you may travel by canoe route through this Paradise. Weeks and weeks you may camp along its lakes and its streams, months you may wander through its hundreds of miles of trails, and *forever* you may hold in memory the beauty of its vistas, the unforgettable loveliness of its waterfalls, its wide, curved, moonlit beaches, the thrill of its unnumbered finned, furred, feathered and antlered game.

The son or daughter of every one of us should have the priceless privilege of spending a certain time within the sacred and inspiring influences of such a wilderness.

Remember the fairy stories?—how the malicious fairies as well as the benignant one, always attended the christening? And how, as antidotal to the evil charms cast by the others, the "good fairy" always devised some one gift far more potent?

So might poverty, lack of opportunity, ill health, evil fortune of all kinds be prophesied for a child *without avail*

Senator Henrik Shipstead—outdoorsman and conservationist.

against the magic of the right of way to such a region of inspiration and health, to such a school for right thinking, character and genius.

As a matter of fact, it should be positively obligatory that we parents send our children for a certain portion of each year into the wilderness, there to learn true values, real meanings and *themselves.* We worry about their proper upbringing from table manners to morals—we strive to give them "advantages," we debate as to their studying French or Greek, giving them practical or professional courses.

Give children a chance to develop a love of the outdoors, an appreciation of outdoor beauty and they will grow into their own sphere and fulfill their best possibilities as naturally as Nature evolves her species of flower or plant or tree.

Right now, all we who have children, and all we who have an unselfish interest in the good of future generations can help to bring about an influence that is sure to be incalculable, for the sanity, the poise and the joy of posterity. We can help to win for them a heritage of unsurpassed worth. We can aid in establishing an easily accessible land o' dreams, a God-given realm—where *"behold, it is very good"*—in the midst of modern America's turmoil and high pressure living.

This country is in northeastern Minnesota and is known as the Arrowhead country. It lies north of Lake Superior, south of the Canadian border, and east of the Iron Range.

Quoting the Honorable Walter H. Newton, Congressman from Minnesota, "it embraces one of the finest tracts of natural forest and water country that can be found in our fair land today. It is one of the very few places left in America where civilization has not left its cruel imprint. Within its confines and adjoining the Canadian border is the Superior National Forest, consisting of one and one-quarter million acres. It was established during the administration of that great outdoor lover, Theodore Roosevelt. This huge forest with its chain of lakes, channels and waterfalls, forms a wooded lakeland equalled by few and excelled by none in all America.

"Adjoining on the north is the Quetico Provincial Park of Canada comprising several millions of acres of timbered lakeland, covered with virgin timber. This natural park is a territory about one hundred miles long and fifty miles wide. It is a wild, untouched wilderness covered with pine forests, dotted with lakes and streams and abounding with big game. This region is one of the few places remaining in America where the moose are still to be found in abundance.

"Certainly this natural beauty spot should be preserved, not only for us, but for our children. Yet, strange to say, an effort is now being made to dam these waters and to use them for great storage reservoirs for the purpose of generating hydroelectric power. If the effort is successful, this beautiful stretch of country will be despoiled."

The saving of this region has become a national and international issue.

Judge Jacob M. Dickinson in his presidential message at the Sixth Annual Convention of the Izaak Walton League in Omaha, on April 19th last said, *"We are committed to resist this depredation to the last extremity."* The history of this depredation has been a dastardly one. The great water power interest which threatens the Superior resembles a colossal octopus stretching out greedy arms to snatch the forest bit by bit until all its beauty to the wilderness lover, all its value of trees and outdoor recreation shall be utterly consumed.

The greatest menace of this commercial interest lies in its untiring patience in achieving its ends, in its implacable, slow but sure determination to have its way. It works year after year, unmoved by public disfavor, encroaching little by little, on the people's rights, so slowly and in such subtle, subterranean ways that the people are deceived as to its real purpose, lulled into fancied security by its clever and constant propaganda. This propaganda proclaims that the water power interest has but the wish to enhance and beautify the region; that it is prompted solely by an altruistic desire to promote the prosperity of the people; in short, the same old story of blinding the people with a false vision in order to steal from them.

Canada has suffered from the depredations of this same commercial interest. Tremendous newspaper and public antagonism was aroused among Canadians by its Seine River operations, named the Rape of the Seine, but the implacable patience and ruthless determination that is its strength, *put over that outrage.*

Congressman Walter H. Newton—outdoorsman and conservationist.

A Bill

By SENATOR SHIPSTEAD S.3913
By CONGRESSMAN NEWTON H.R.12780

TO promote the better protection and highest public use of lands of the United States and adjacent lands and waters in northern Minnesota for the production of forest products, and for other purposes.

Whereas the fourteen thousand five hundred square miles covered by the Rainy Lake watershed, lying in Ontario and Minnesota, and the immediately adjacent lands and waters constitute the only remaining vast wilderness area in the central part of North America; and

Whereas this region contains the only remaining extensive coniferous forests in the Middle West with unusual potentialities for the development of a future continuous supply of forest products; and

Whereas this region is blessed with precious international historic values, rare scenic qualities and unique recreational facilities within easy reach of one hundred million residents of both Canada and the United States; and

Whereas this area affords an unusual opportunity to preserve, perpetuate, restock, and increase various species of wild life of invaluable economic and æsthetic importance to both nations; and

Whereas within this region two neighboring areas with similar public purposes were set aside by the respective Governments in 1909 and designated respectively as the Quetico Provincial Park and the Superior National Forest; and

Whereas citizens of the friendly Province of Ontario have invited the co-operation of our people in protecting and augmenting the public values of this forested lakeland region; and

Whereas legislation seeking to develop a uniform plan of treatment and protection for this entire region will be of inestimable value to both Canada and the United States and will expedite the fruition of ideals and plans which the Webster-Ashburton treaty solemnly affirmed and for which the Quetico Provincial Park and the Superior National Forest were set aside; and

Whereas *pending* final and definite word as to the wishes of the Province of Ontario and *subsequent negotiations,* with the consent of the Province, of a treaty between the Dominion of Canada and the United States providing for uniform treatment of the entire region, and pending further studies and final determination of desirable boundaries for the Superior National Forest and its future uses, *immediate steps should be taken to extend and better protect the Superior National Forest* and to protect the lands and waters in and adjacent to that portion of the area herein designated, lying within or contiguous to the United States, for the several purposes hereinbefore enumerated: Therefore

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That all public lands of the United States situated north of township 60 north in the counties of Cook, Lake, and Saint Louis, in the State of Minnesota, including the natural shore lines of Lake Superior and of the lakes and streams forming the international boundary so far as they lie within this area, are hereby withdrawn from all forms of entry or appropriation under the public land laws of the United States, subject to prior existing legal rights initiated under the public land laws, so long as such claims are maintained as required by the applicable law or laws.

SEC. 2. That the principle of conserving the natural beauty of shore lines for recreational use shall apply to all Federal lands which border upon any boundary lake or stream contiguous to this area, or any lake or stream within this area, and that for the purpose of carrying out this principle logging of all such shores to a depth of four hundred feet from the natural water line is hereby forbidden, except as the Forest Service of the Department of Agriculture may see fit in particular instances to vary the distance for practical reasons: *Provided,* That in no case shall logging of any timber other than diseased, insect infested, or dead be permitted closer to the natural shore line than two hundred feet.

SEC. 3. *That in order to preserve the shore lines, rapids, waterfalls, beaches, and other natural features of the region in an unmodified state of nature, no further alteration of the natural water level of any lake or stream* within or bordering upon the designated area *shall be authorized* by any permit, license, lease, or other authorization granted by any official or commission of the United States, which will result in flooding lands of the United States within or immediately adjacent to the Superior National Forest, unless and until specific authority for granting such permit, license, lease, or other authorization shall have first been obtained by special Act from the Congress of the United States covering each such project: *Provided,* That with the written approval and consent of the Forest Service of the Department of Agriculture, reservoirs not exceeding one hundred acres in area may be constructed and maintained for the transportation of logs or in connection with authorized recreational uses of national forest lands.

In 1920 the Joint International Commission was formed by the appointment of three Canadians and three Americans to decide all matters appertaining to water power privileges, boundary rights, etc., of the Superior region. Four questions were submitted to this Commission, and an appropriation of $50,000 asked for the purpose of making surveys and enabling the Commission to answer the questions. These questions were not questions as to conservation values.

To again quote Congressman Newton, "they involved the question of the practicability of building dams—for instance the rather pertinent fourth question, 'What interests are to be benefited?' So far as I can see, the only interests to be benefited are private interests, and the interests to be seriously and detrimentally affected are the interests of the general public who, with their children, will be deprived of enjoying this beautiful stretch of country if the plan to build further dams is permitted to go through."

The International Joint Commission is undoubtedly a group of honorable and disinterested men, and their decision as to the feasibility of permitting more dams to be built throughout the Superior region will assuredly, we believe, be an honest and a wise one, but is this not too important a matter to be left in the hands of a few men, regardless of their integrity or of their worth?

The *people's forests* are involved and the *people* should *decide* their fate. The matter should be settled by the people through their Congress.

Therefore, to insure this privilege of the people's *own will and decision,* Senator Henrik Shipstead of Minnesota,

and Congressman Walter M. Newton of Minnesota, have introduced a Bill in the Senate and the House which will *protect* the Superior National Forest pending subsequent negotiations between the United States and Canada providing for uniform treatment of the entire Superior-Quetico region.

Senator Shipstead and Congressman Newton are both men to whom the conservation of the outdoors means everything. Senator Shipstead has for many years been an active outdoorsman and believes in giving everybody else a chance to enjoy the outdoors. He is a hunter, fisherman, photographer and canoeist. He has used nothing but a twenty gauge shotgun for ducks and all other kinds of small game for the past 15 years.

In an article published in the December, 1925, issue of OUTDOOR AMERICA the late George H. Selover among other things said: ". . . . so long as Senator Shipstead and Senator Schall represent Minnesota in the Senate of the United States, this Backus proposition of destroying the Superior Forest cannot succeed."

Senator Shipstead when he was a member of the Minnesota Legislature was exceedingly helpful in all conservation measures. From the time he entered the Legislature he made it a point to give a great deal of study to forestry matters, the drainage situation, and wild life conservation.

"I have for years," Senator Shipstead says, "fought to save for all the people of my State, and for their neighbors, Northern Minnesota's wonderful forests, the rare recreational facilities of that region, and the outdoor rights of the people who live up there. It has often been a disheartening and thankless job. I am now mighty glad to have the backing of the Izaak Walton League and the Quetico-Superior Council in this fight to save Minnesota. And to this end I am happy to introduce this Bill in cooperation with Congressman Newton. It must be understood, however, that *no political consideration or significance of any sort should be involved* or attached to my efforts. *This is purely a non-partisan measure* and must be so considered."

Congressman Newton is an out-and-out outdoorsman who intimately knows and loves the Arrowhead country, having canoed and portaged and camped and fished and hunted over its entire length. Before the National Conference on Outdoor Recreation in June, 1926, Congressman Newton in an eloquent talk proved his knowledge of this region and his appreciation of its beauties and its outdoor recreational assets.

My dear readers, as the old time stories read, may I be frank with you and a little bit personal?

This article in the Izaak Walton League's magazine on the biggest conservation accomplishment facing America today should have been written by America's best brain, by her most eloquent and persuasive, by her most golden tongued orator, but it happens that only I am writing it, and perhaps after all, I represent the great mass of us who with pitiable lack of the ability of brilliant phraseology, with the unfortunate speechlessness that overwhelms us to forcefully proclaim the Great Truths and Necessities of Being; we who must simply say, "I love the outdoors—I want it for my children," perhaps even I can point the trail that we must follow to gain that good.

And particularly may I appeal to the women of America? The General Federation of Women's Clubs is thoroughly interested in this great cause, and have already helped tremendously, and will continue to help.

"Of ourselves we can do nothing"—we love some wilderness spot—we sleep under its stars—another year, we find it gone—its river dammed, its timber cut, the shorelines submerged, the stars shining over an expanse of ruined woodland beauty.

We mourn, and we search for further woodland trails—but can we continue doing this indefinitely? No, even America with her marvelous outdoor opportunities could reach the stage where commercialism, where dams and mills and pollution and smoke, have stolen our silent wood paths, our serene and placid waters from us; so let us *awaken* and *do those things together which alone we cannot do.*

This Bill against commercial encroachments of *Our Own* Outdoors we can fight for and help to pass. Let's do it. Your voice and mine, feeble alone, can together be made to proclaim resoundingly and effectually. And as a matter of fact, that is *all* we *can* do, you and I.

But it is *enough.* If each one of us will refuse to be lassoed with a sense of our own personal futility, absolutely refuse to be tied down by the futile hope that "everything will be all right," that governmental bureaus, political parties or even individual great men can take care of the matter for us—if *each of us* will regard this one issue of a superlatively magnificent outdoor area *forever intact* for us, and for our children *as a personal responsibility,* as our duty to attain *by our own individual efforts,* we will attain it. Then our children may tread the forest paths and gain strength for the hard highways of the world,—they may dream through drowsy balsam scented nights, and store up power for endeavor and the betterment and leadership of the empires of the earth.

Remember, a boy bred with forest lore and love, imbued with the sentiments and wholesome instincts of the outdoors has twice the chance for success and happiness of the boy tragically deprived of those advantages.

So remember the numbers of these Bills whose passing will mean so much to that boy and girl of yours. Senate Bill *3913* and House Bill *12780.*

And *help to pass them.* You *can* help, though it is natural for us to think that big state matters of this kind will be handled by statesmen and are out of our humble province. This is not so. The voice of each one of us will be heard if we speak. The influence of each one of us will be felt if we persevere. The plea to write to your Senators and Congressmen has been put to you often and perhaps has become a plea to which you pay no attention.

I implore you not to think that way. *Remember the forests and the need of your children for them.* Letters from all over the country to your representatives will help. Letters and personal contacts with representatives to whom you are personally known will help more.

If you know none, try to find someone who does. Undoubtedly you will find somebody among your friends or townspeople who is in touch with your Senators, your Congressmen and your Representatives.

Above all, don't just read this article and *forget it.* Remember, *you can pass these Bills* and when you have done so, you will have made safe forever the *largest and finest outdoor playground in the world.*

Izaak Walton League of America,
Chicago, Illinois

BEST wishes to you in your splendid work in behalf of the Superior National Forest and the Quetico-Provincial Park. As chairman of American Forest Week I will be speaking in Canada on April Twenty-fourth. Can I help?

THEODORE ROOSEVELT

Copy of telegram received from Colonel Theodore Roosevelt on April 18, 1928.

Sane Conservation Against Insane Waste

By
STRUTHERS BURT

I DO not know the country embraced in the Superior National Forest and the Quetico Provincial Park, hence I can not write about the saving of this country in the same personal and deeply affectionate fashion in which I can write about the saving of my own country, the Jackson's Hole Country in Wyoming, or even about the founding of the Great Smoky National Park down here in North Carolina, where I am now spending my winters.

But I can without hesitation, without further investigation, not only because of my long and intimate connection with the Izaak Walton League but, in a wider sense, because of my connection with Conservation generally and the National Parks of the United States, endorse any plan of the Izaak Walton League. I know that it is good. I know the League does not move until necessary.

To try to convince the people of the United States or the people of the Dominion of Canada of the practical and philosophical necessity for National Forests and National Parks, unhampered and as nature intended them to be, would seem nowadays a superfluous task. I don't think that has to be argued any longer. Even the most hard-headed business man, unless he is extremely narrow between the eyes, knows what forests and parks mean to him, his children and the future. And most business men aren't narrow between the eyes. I was one long before I could definitely become an author. And so I am inclined to look at all these problems from the point of view of the business man. On the whole that is a fair way to look at them. The majority of men in the United States and Canada are business men.

But it would seem to me that there is another and very special point where this particular project is concerned. With all our mutual stupidities and follies, where national parks and national forests are in question, Canada and the United States are the most farsighted, the wisest countries in the world. They have been, and will be increasingly, prophets in a wilderness of destruction. They have realized in time the fate of China, of Syria, of other lands who, because they could not read the future, have turned themselves from fertile and prosperous places into deserts. The international line, if I am correctly informed, runs through this project. What could be finer or more impressive than this line with the treaty necessary? A treaty symbolizing publicly and with the full force of the governments of two great countries back of it that those countries had announced a new policy to mankind. A policy of beauty against destruction; of sane conservation against waste.

In my opinion this would perhaps be the finest thing that has ever happened in Conservation. Good luck to you.

The Dethroning of King Salmoides

By
KIRBY LEE COCKERHAM

Drawing by
Wm. S. Schmedtgen

ORDINARILY, when one thinks of the dethroning or unseating of a king, his mind runs to the Balkan Peninsula.

The details chronicled here, however, did not occur in the Balkans, nor in fact in any other foreign fields, where one customarily finds kings, queens, princes and others of noble lineage. King Salmoides reigned in the province of Tchouticabouffa river, a subdivision of the kingdom of the Tidal Waters of the Gulf Coast. No one can dispute the sovereignty or the rights of the king in this country. In fact, Salmoides may be found ruling in other provinces, but there he is always threatened by his kinsmen of the Doliemu tribe. It is not infrequently that great jealousy and keen rivalry exist between the two branches of the royal family, and in many instances in these northern and eastern provinces King Salmoides suffers the indignity of occupying second place to his cousin or of actually being displaced by him.

But such is not the case in the southern provinces. In this great empire no one dares to dispute his right. He rules with serenity and with utter disdain for all other members of his kingdom. His pugnacity and his eagerness for combat and his royal lineage have carried his renown far beyond the limits of his kingdom. In this great kingdom only one, the genus homo, dares to tackle him in his native lair. All of this had come to my attention before it had ever been my privilege or opportunity to go into this kingdom and "beard the lion in his den" so to speak. My connection in this story began by orders of that tyrant of a doctor, who finding nothing else to recommend, had fallen back upon a favorite ruse and ordered me South. Accordingly, I packed my belongings, not forgetting duffle and tackle.

One afternoon a week or so later, as I leisurely paddled a light boat up the Tchouticabouffa river, I met quite by accident, an old gentleman whose snowy hair and soft drawling speech greatly attracted me. He was a native of the section, having a tiny cottage on the banks of the beautiful stream, and devoting practically all of his time to fishing. Instinctively, I felt that here was a man worth knowing; a man who could be of invaluable assistance on my fishing excursions, and one who no doubt was rich in romance and native folk lore. His name was Sylvan Seymour. His soft drawl and the slight accent to his speech, like his name, indicated that he was of French extraction.

A few days after first meeting Uncle Sylvan, I passed his house while casting a small fly for perch and bream. I had pulled in to shore for a chat with him and had shown him the two dozen red breasted perch which I had taken. During the course of our conversation, our talk drifted to black bass.

"Have you caught any green trout yet?" asked Uncle Sylvan.

"Green trout?" I asked. "I did not know that you had fresh water trout here."

"Well, they say they are not trout, but that is what we call them. The experts say they are black bass. But whichever they are, they are the finest fish that ever swam, and the river still has plenty of them. I will take you for a little trip up the river."

Whereupon Uncle Sylvan gave the most wonderful demonstration of paddling a pirogue which it has ever been my pleasure to witness. I was seeing a real master craftsman in action with the paddle. The dug-out boat responded to every movement of the paddle just as if it were an animated object. I sat in the bow of the boat, casting the likely looking places with first, the short casting rod, and then with the longer fly rod.

"I'm going to show you the den of the king of the bass in this river, and if you catch him with any kind of a pole you'll do well; and I can tell you right now you won't catch him with that switch," announced Uncle Sylvan, referring to my fly rod.

"Lead on, MacDuff," I replied, feeling in a jovial mood, since I seemed to have aroused the interest of my new friend to the point where he was going to take me to his favorite holes.

As we went silently up the stream Uncle Sylvan talked; always in that low, melodious voice.

"For two or three years now, I have tried to catch this old fellow. Every spring, after the winter rains have ceased and the water runs clear and sweet and cool I see this big trout feeding in this same place. He stays in the deep eddy at the big bend of the river. Once I hooked him, but he was too much for me and my line snapped like a sewing thread. On several other occasions I have made him strike, but did not get him hooked.

"Last year a stranger was fishing in the bend and without warning he hooked the big old trout. He was using a casting rod and a wooden minnow, but all he did was lose his minnow."

At this juncture we approached a magnificent, sweeping bend in the river, and judging from the fact that Uncle Sylvan ceased talking and was looking intently over into the deep part of the eddy I instinctively knew that we were approaching the lair of the king. The slightest twisting movement of the paddle eased the pirogue forward without the slighest noise or ripple of the water. I took my light rod and carefully cast to the shore and around the old tree top which lay sprawled in deep water. We moved entirely up the side of the bank and around the eddy without so much as enticing the big fellow to rise and look at my bait.

Having completed the circle of the eddy, Uncle Sylvan eased up on his paddle and remarked, "He never strikes when you expect him to. It is always when you are not looking for it, and then he always gets away so quickly that you don't have time to realize what a big trout he is."

"What bait does he seem to like best?" I asked.

"Well, he took a wooden minnow from the stranger last year; and I was fishing with a live crawfish when he took my line away. It would be hard to say what he likes best. One day he rose and struck at a small frog when I was fishing here."

"I'll find out what he likes," I replied. "I am going to be here several months, and it will positively set as a heavy burden on my mind until I bring that old mossback out of that eddy."

"I hope you do, son, but I don't think you will with that kind of an outfit. Better get a good cane pole and a strong line and a heavy hook. When that old trout strikes, no fancy store-bought switch like that will be worth a cent."

As we paddled back to Uncle Sylvan's cottage that afternoon we talked over plans for a campaign against this wise old river dweller. In my sub-conscious mind I could feel the idea firmly forming that regardless of the condition of my health or the pressing cares of business back home I would remain here until I had caught this giant bass. But it may safely be stated that I did not know what a task I was setting myself.

For several days after this excursion my thoughts were occupied with the big bass. At night in my room I went over my tackle. I sorted out the various colors, patterns and types of flies. Feather minnows were collected to-

Drawing by WILLIAM SCHMEDTGEN

"He rules with serenity and with utter disdain for all other members of his kingdom. In his kingdom, only one, the genus homo, dares to tackle him in his native lair."

gether, bass bugs were rounded up and various flies, spinners, gut leaders, lines, etc., were looked over and tested.

On my next excursion to the home of the great bass, I conscientiously tried all types of lures; varied colors of feather minnows, flies in duns, blacks, reds and conglomerated mixtures; spinner combinations, as well as pure dry flies were tried with all the skill at my command. Yet at the conclusion of my efforts not an indication of the fish had been seen. It was just as if that large eddy were unoccupied. Not a small fish had shown itself, but I knew that the old king would not permit young and foolish bass to inhabit his home waters.

Later, with a book with which to occupy my time, I paddled up the river to the big eddy and anchored my boat at a convenient location, near enough to observe any movement or commotion in the water, but far enough away so that my presence would not be detected by keen eyes from beneath.

Perhaps Izaak, our patron philosopher, would not have endorsed my plans, and I felt that in some ways I was taking an unfair advantage of my adversary. But one must match wits with a wary old bass, and then fifty per cent of the time admit defeat. I deliberately planned a campaign of action and was setting out to put that plan into execution.

First, I must find out what were the salient factors governing the actions of my fish—by this time I had already begun to think of him in possessive terms. Was the water fresh or brackish, and did he feed on a rising or falling tide? What time of day did he feed? And what was his favorite tid-bit or piéce de resistance? These were the problems to be solved, and I had come out on my first expedition seeking this information.

Just as the sun was sinking behind the pines and magnolias, and when those great trees cast their dark, cool shadows across the deep pool, I was startled from my reading by a great, resounding splash, which every bass fisherman at once recognizes as the strike of a feeding fish. Until twilight made objects indistinct did I sit and watch for further rises, but not another one was there. But the viciousness of the strike convinced me of the size of the bass and although I had not seen what kind of food had attracted him, I went back home that night joyous and confident.

But although I took my station at the same spot each succeeding afternoon, it was perhaps a week or more before I saw another strike; but this time I was fortunate enough to see a medium-sized frog make one wild leap from the water, only to drop back into the rapacious jaws of the king bass. With that cue to work on I went away and began to devise ways and means for encompassing the downfall of the monarch. But all was not smooth sailing. Not a sporting goods store or tackle dealer could supply me with what I wanted. Various artificial frogs were on the market but all were heavy, vulcanized rubber or metal casting rod lures, and I had accepted Uncle Sylvan's taunt as a challenge. I wanted a fly rod lure; I was determined to catch the fish on light tackle, as much to convince Uncle Sylvan as to appease my own ambition.

I confided my troubles to my old friend. He listened attentively and sympathetically. But I felt there was a note of skepticism in his voice and in his small, twinkling eyes.

"Tell you what, we'll take a pail and a net and paddle around the lily pond beds and catch some live frogs."

"But," I explained, "I can't use live frogs on a fly rod, they are too heavy."

"But you can use a cane pole," the old man answered, and there was pity expressed in his tone, because I steadfastly stuck to the "switch."

"Uncle Sylvan, tell you what I am going to do. I'm going to make an artificial frog that will land that bass," I stated.

For the next three or four days I kept myself busily occupied in cutting out models from rubber sheeting and pasting them into shape with glue. After dozens of experiments, I at last seemed to have cut out pieces of the proper shape and proportions. With glue these were pasted together. The contrivance was provided with a very small valve, similar to those in children's rubber toys, to be used in inflating the completed frog. Then with a tiny camel's hair brush, and a touch which could not be confused with that of an artist or one accustomed to the use of brush and colors, I daubed lightly here and there on the body of the frog. With the proper tint of green on the back and the correct shade of white on the belly, with splotches of brown and specks of black, the job was completed to my satisfaction. The bait looked really life-like and in all weighed, when properly inflated, less than a feather minnow or bass bug.

I found that the new frog encountered some wind resistance, yet for medium-length casts it did very well. It did not take me long to decide that frogs do not ordinarily plop down into the water from mid-air; I also felt that it took a bass less time to decide this fact than it did for me. Therefore, here was another obstacle to be overcome. But I had become too much engrossed now to hesitate or falter in my purpose.

Consequently, the next afternoon I called at Uncle Sylvan's cottage. After a cup of French drip coffee we took his pirogue and went to the big eddy. From the bow I signaled him to paddle fairly close to the lily pads while I whipped out line and measured carefully the distance to a particularly thick patch of lilies, where the large leaves overlapped. I shot forward the little rubber frog so that it landed fairly on the leaves. Carefully stripping off line, I signaled Uncle Sylvan to withdraw the pirogue sufficiently to prevent the bass taking alarm at this strange object so near his home. There we waited. Just how long we waited, I do not know. Time was of the slightest consideration to me then.

As the sun sank in the golden west and the shadows threw long dark shafts across the river, I thought it was about time for action. But still I waited. Presently my signal for action sounded; from somewhere among the lily pads a small frog croaked. With a slight jerk of the rod I pulled my bait off the leaf. As it hit the water I caused it to make some erratic, wiggly movements. These were hardly under way however before a terrific upheaval occurred in the water, and my lure disappeared into the depths.

The fly fisherman instinctively knows when to set the hook and with the rod bent in a semicircle the bass started for the bottom. From there he decided to try a straight-away run. Line spun off the spool at a rapid rate, but fortunately there was enough so that there was no worry on that score. Then he came to the top and attempted to shake out the hook. I have caught many bass that leaped higher, but few that have fought so tenaciously. He seemed to stand with body half out of water and shake his head, much as a terrier shakes a rat.

But why go ahead and describe the entire battle? Every bass fisherman knows the kind of fight a mossback puts up. After the game old warrior had fought himself out, he came to the top, rolled on his side and allowed Uncle Sylvan's trembling hands to lift him into the boat. As I disengaged the hook, the old man seemed too overcome with joy and excitement for speech. As we sat and admired the fish Uncle Sylvan found his voice.

"The biggest green trout I've ever seen caught out of this river, and I've lived here more than seventy years."

The dramatic or unexpected always happens under such circumstances. Without warning the giant fish gave one desperate flop of his powerful tail and rolled over the side of the boat. He lay on top of the water for an instant with his great gills expanded and vibrating. With the slightest movements of his caudal fin he very slowly began to swim away. Uncle Sylvan reached over the side of the boat with a dip net, but as he was about to scoop up the noble old warrior I laid my hand on his arm; the old riverman understood my emotions. And thus silently we watched Salmoides, King of the Tchouticabouffa disappear into the depths of his kingdom.

Long live the King!

Black Bass or Pearl Buttons?

By

C. F. BLAKEMAN

FEW indeed are the outdoor publications which do not contain some article dealing with the black bass. Each season sees many new lures devised for the taking of this king of inland waters, and summer resorts seek popularity by advertising the black bass fishing as an added attraction. But of later years more and more space is being given to decrying the disappearance of the bass from waters in which not so long ago the supply seemed inexhaustible. Many reasons are given for this very general state of affairs. The one usually being given as of greatest importance is pollution, but over-fishing, due to modern means of transportation, is also given prominence. Laws regulating the size and number of fish taken have proven inadequate. Sewage disposal plants are becoming common as part of the equipment of municipalities, but still the black bass faces extinction. They are disappearing from streams known to contain little or no pollution and which are continually restocked with fry from hatcheries and with mature fish for breeders.

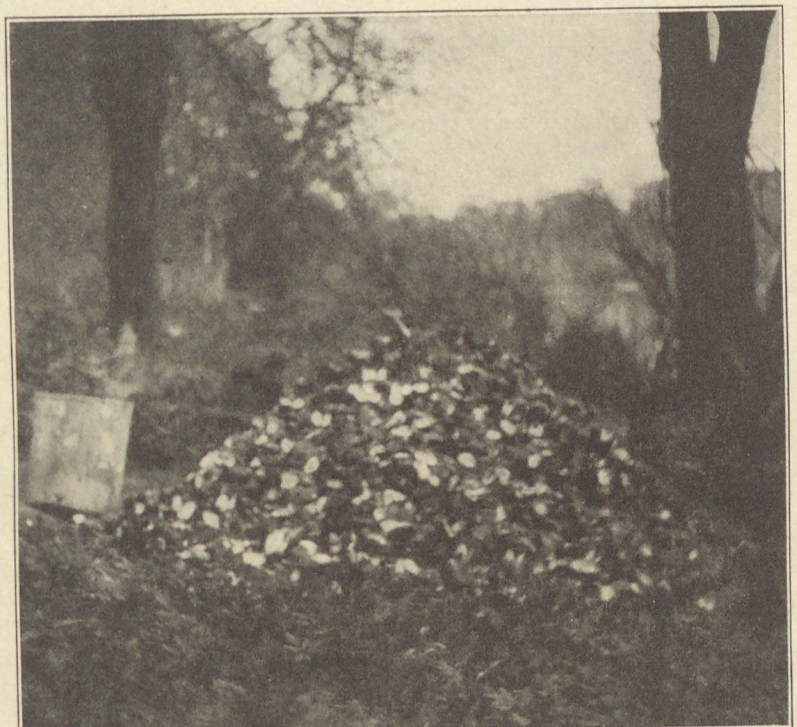
The fact is, there is a condition resulting from a practice common in many of the streams of the mid-western states which has either escaped the observation of those concerned in the maintenance of angling as a beneficial outdoor recreation, or the practice itself has been overlooked as a factor in destruction of fish life. In reality, when the facts are summed up, the result is appalling, though the individual instances may seem inconsequential.

In the state of Ohio, there are very few inland lakes. In fact there are but two of anything more than the proportions of good sized ponds, both of them being artificial lakes built in years gone by, for the purpose of feeding canals connecting the Great Lakes and the Ohio River. This lack of inland lakes causes those who wish to go a-fishing, without journeying to neighboring states, to make use of the many small rivers and tributary streams in quest of the angler's sport, a classified license being required by the state in order to maintain the fish supply in these streams. All went very well until about ten years ago. About five years prior to that time, anglers noticed an occasional instance of men or boys wading the shallower waters in search of mussels, from which it was said they procured "fresh water" pearls.

These operations caused little comment, but in a few years this was followed by systematic searching of the stream beds for live mussels which were opened by application of heat and the shells shipped to button manufacturers. This practice was thought little of until it grew from a few isolated cases to the extensive establishing of "clammers'" camps on many of the very best streams. In practically every instance these operations were carried on in water averaging less than two feet in depth and in streams where the bottom was of a gravel or sandy nature,—ideal for natural propagation of all varieties of bass, as well as many other desirable species.

The "clammers' camps" are established along the streams to be worked, as early as the weather will permit, and in the case of Ohio the operators are usually residents of other states, even Mexicans having been observed working in the waters of the northern watershed. The occupants of these camps have shown utter disregard for everything in the way of fish life, operating from an early date in the spring, through the spawning season and late into the fall of the year. One instance is reported of the owner of the land, on which "clammers" camped in an old abandoned dwelling house, being forced to get a constable armed with eviction papers in order to get these people off his land in the fall.

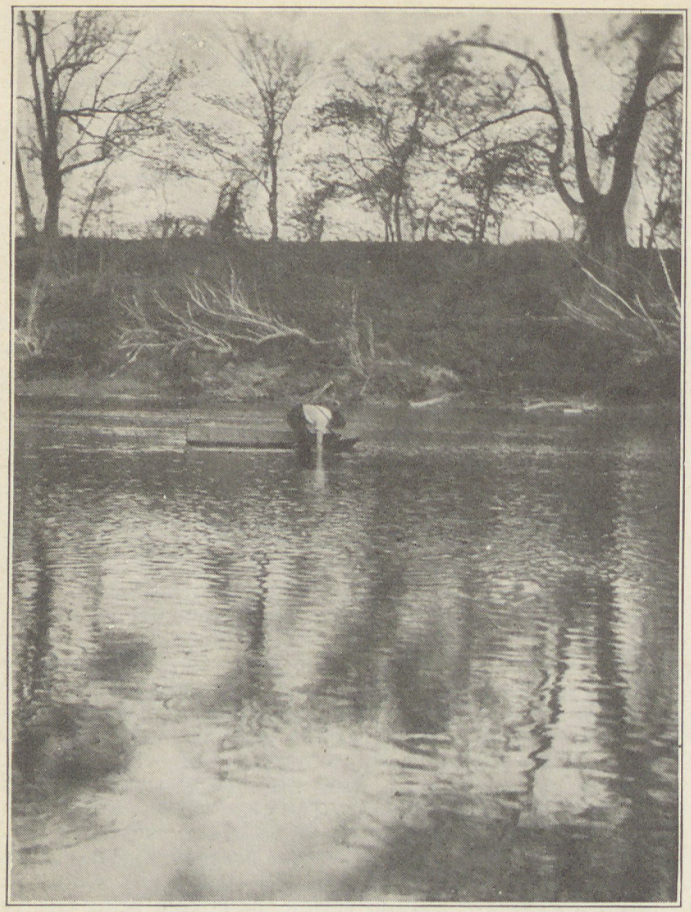
The methods employed by "clammers" in procuring shells are, to say the least, unscrupulous. When first "working" a stream, the method known as "picking" is usually employed. This is done by wading and picking the mussels from the bottom by hand, or by means of a long-handled hook on which the clam closes his shell when the hook is inserted between the halves. The clam is then lifted from the bed of the stream and placed in whatever sort of container the clammer may be using. An ingenious appliance known as a "peek-box" is used in locating the mussel in water too deep or roily to permit the bottom being clearly seen. This peek-box is made by cementing a piece of glass to one end of a piece of galvanized sheet metal tube about eight inches in diameter. The other end is shaped to form an eye shade, fitting the curve of the user's forehead. The whole instrument is anywhere from three feet to four and a half feet in length, and is used by placing the "eye-shade" against the forehead and the other end under water with the glass a few inches from the bottom of the stream, making anything lying in the stream bed clearly visible. The clam being located, it is picked from the bed and placed in the clammer's scow, which he usually tows back of him, and is in this manner transferred to the "cooking camp."



A week's harvest of shells from the Sandusky River, Ohio, approximately five tons of shells.

Another method employed where shells are more easily secured, is by spading up the bottom of the stream with a potato fork, shovel or spade, to a depth of from eight inches to two feet. This method is employed of course only where the bed is of loose enough texture to permit the spade being thrust its length into the bottom. The contents are raised far enough to allow the current to wash away all but the heaviest material, exposing the mussels which are then dumped into the scow for transportation to the "cooking" vat.

In many cases, these methods are used re-



Indiana clam picker at work in bass spawning ground.

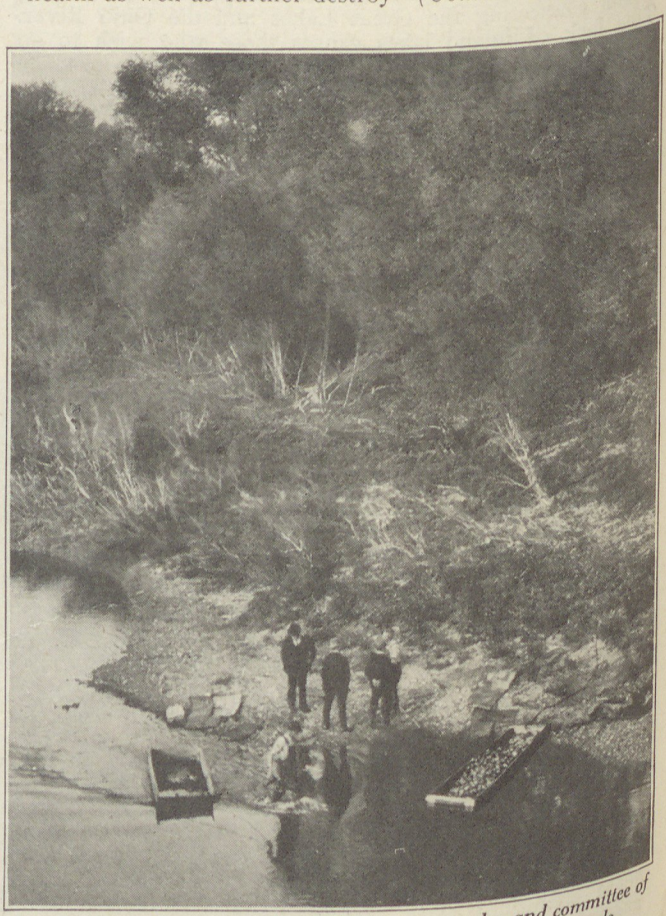
gardless of whether the fish in the stream have spawned or not, and to those familiar with the conditions necessary for successful propagation of bass, the destructive results are apparent. A male bass guarding a nest is usually frightened away by a wader approaching within fifteen feet or more, and a man with his eyes hooded in a "peek-box" stands small chance of knowing of his proximity to a bass nest. He may thus walk directly into a nest, or near enough to cause the eggs to be covered by silt stirred up by his feet on the bottom. This silt settling on the unprotected nest is enough in itself to cause the eggs to be killed and the nest abandoned by the guarding male. The result of turning over a spawn bed is the same as though it were a hen's nest, and the sediment washed from the shovel or fork of a clam-digger is carried far down stream to settle on other nests and destroy the eggs—*destruction widespread* and *complete.*

In cases where the operations of mussel fishermen are held up till such time as is defined by law as the close of the spawning season, the results are almost equally disastrous. Bass will not stay where their feeding grounds are constantly disturbed and the water kept continually roiled. The fry cannot exist under these conditions after hatching, and the mature fish are deprived of their feeding places. The ultimate result of mussel fishing or clam digging in the smaller rivers or tributary streams is the extinction of this gamest of game fish.

In the instance of the Sandusky River in Ohio, this result is very apparent. It is also noted to a more or less degree in the larger Maumee River, and as the supply of mussels is depleted in these streams, the activities will be transferred to others not yet made to suffer, the Tuscarawas River also being a victim of the destructive practice. The operation of clammers in water too deep for spawning and feeding grounds is no doubt of less detriment to fish life than in the smaller rivers and tributary streams, though game fish will not long remain in any stream whose bed is continually dug up. The operators themselves admit that the supply of mussels has been depleted in these larger rivers, and of course it has been accomplished by themselves by employing intensive methods of procuring shells, anything from steam dredges to crow-foot bars combing the entire river bed being made use of to get all the shells possible in the shortest time. This depletion of the larger streams has been the cause of the appearance of nomadic operators plying their trade in waters naturally adapted to the reproduction of fish life; and unless something is done to curb their activities, other than giving them equal privilege with the sportsmen and putting them on an equal plane with those endeavoring to conserve fish life by charging a nominal license fee for the privilege of taking mussel shells in any manner, the black bass of many of the streams of the central states will surely have become extinct before the end of the present generation.

It is interesting to note that the state of Indiana has in the past year enacted laws regulating and licensing the clammer, though the Hoosier State is blessed with many fine lakes suitable for fishing and her citizens are not forced to depend altogether on her streams for this form of outdoor recreation. Michigan called a halt on the clammer prior to 1927, according to Mr. Edgar R. Cochrun, formerly connected with the Conservation department of that state, and now Executive Secretary of the Ohio Division of the Izaak Walton League. In Indiana the Kankakee, St. Joseph, Tippecanoe, Wabash and White Rivers, and the east and west forks of the White River, comprising twelve separate areas, have been closed to clammers by law for a period of five years, beginning April 1st, 1928, and a license fee for resident and non-resident shell fishermen will be charged. This means that there will be an increased influx of clammers to the unprotected streams of both Indiana and Ohio, and the small mouth bass native to these streams will suffer even greater depletion than heretofore, for the sake of commercialism. No license fee, however large, will ever replace the aquatic life destroyed by the clam-diggers.

The practice of dumping the clam meat taken from the shells at the cooking camps, into the streams, is obnoxious in the extreme. In some instances this refuse is used in the place of tankage for feeding stock, but this method of disposal is exceptional and the waters of the smaller streams are constantly being poisoned by this decaying refuse dumped into them, thus causing a menace to human health as well as further destroy- *(Continued on page 54)*



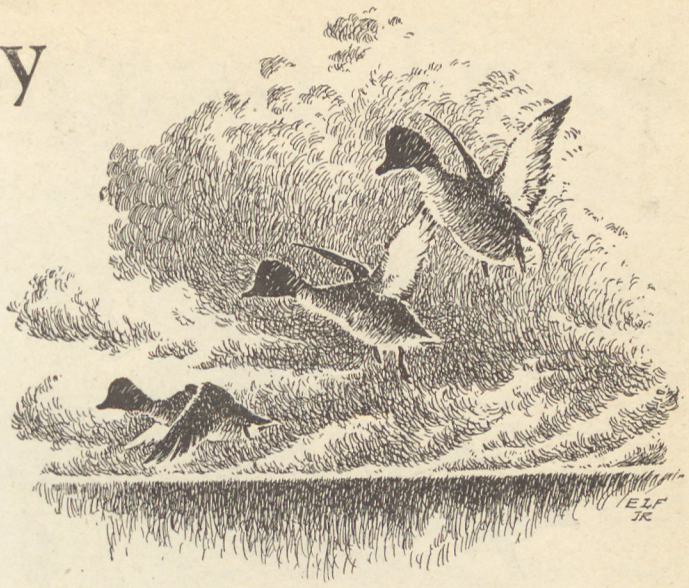
Non resident clammers conferring with game warden and committee of Waltonians concerning operations on bass spawning grounds, Sandusky River.

Duck Philosophy

By

KENNETH F. REED

Drawings by E. L. Florance, Jr.



A GROUP of hunters were lounging around the stove in Clint Moran's hardware store in a little Nebraska sandhill town famed for its nearby duck marshes. Moran, recognized as the dean of duck shooters in this particular section, was holding forth in his genial manner regarding the merits of different shotguns. During a lull in the conversation one of the city hunters asked him, "Moran, from your experiences around these lakes, which do you consider the best days for duck hunting?"

Moran thought a second or two and then gave his answer. "The best days in duck shooting as I see it, are the days when you go out and don't get any."

As a rather startled gasp went around the circle at this paradoxical statement Clint gave one of his quiet chuckles. "Maybe I just didn't make myself exactly clear to you fellows. I'll try to put my point in a different way. If one of you gentlemen from the city *knew* that every time you went out to your golf course that you were going to make a par score there wouldn't be much fun in golf, would there? If Jack Heneley, there in the corner, *knew* that when he sat down at the poker table as he does with a few old cronies on Saturday nights, that every hand dealt him would be a royal flush he'd soon get mighty sick of playing.

"You've got to go out and have a lot of bad luck hunting, and get hungry, cold and miserable before you can appreciate a good day's shoot. Why, I've seen old timers come in here to get shells when ducks were flyin'—men who've hunted these marshes for thirty years—all nervous and excited over going out to get a few ducks. Some of 'em shaking with anticipation so that they couldn't hardly pick up their change. Do you think for a minute those old boys would get that kick if they *knew* they were going to kill a lot of game? No sir, not in a million years. So takin' things, all in all, gentlemen, I say the best days are the duckless days."

A deep silence reigned after he finished and it was plain to see that Clint's remarks had made a deep impression upon all the sportsmen present. Finally one of the older men, a district judge of no small prominence, said, "Moran, your views are mighty interesting and have put new thoughts in the minds of all of us. Would you mind telling us more?"

Moran, one of the most modest of men, when he saw he was the center of attraction, grew as embarrassed as a school boy. But when he realized how interested and sincere his listeners really were, he regained his composure and drawled, "Well, there are a few things I might get off my chest at this time. I've hunted these sandhill lakes, man and boy, whenever I've had a chance and when I'm not hunting there's always plenty of duck talk here in the store so maybe I get a little different slant at things than most fellers.

"I mentioned a little while ago about playing golf. I never played myself but I follow the game closely and always make my trips to the city whenever there's a good tournament on and I say it's just as reasonable to assume that every golfer who steps onto the first tee is a *par player* as to assume that every city hunter who steps off the train here is a *duck shooter*. I'll go further and say the percentage in each case will be about the same.

"There's men come in here talking big, looking like hunters, in their own opinions having forgotten more about duck hunting than I'll ever know, but they can't tell a mallard from a mudhen. They are the kind who bring discredit on the city hunters, forgetting to shut gates, starting prairie fires, frightening cattle and raising the devil in general. But praise the lord, these hunters are few and far between. They're the men who would shoot the last duck on earth to fill their bag. I've actually found ducks hidden away in the reeds and left to rot because one of these shooters had killed over his limit and didn't dare bring the extra birds into town, but still wanted to keep on killing. Is there any punishment in this world severe enough for a man like that?

"Right now the prairie chickens in these hills are facing extermination. There aren't over a handful left where there used to be untold thousands. No real sportsman would dream of killing one and consequently the few left are very tame. Yet, last fall, some hunters shot those poor birds as they crouched along the road too bewildered to fly."

Clint sat lost in thought for a minute and pain showed in his eyes.

Finally he resumed. "Then there's the cheerful beginner who usually gets to me first, new coat, new boots, new gun, never shot a duck in his life but willing to learn. Somehow he's always got such a good natured grin on his face and is so sincere and so willing to try to be a hunter that I'll drop everything to help him kill a few. He's the one who listens to what he's told, and in a year or two you see him as a pretty fair gunner.

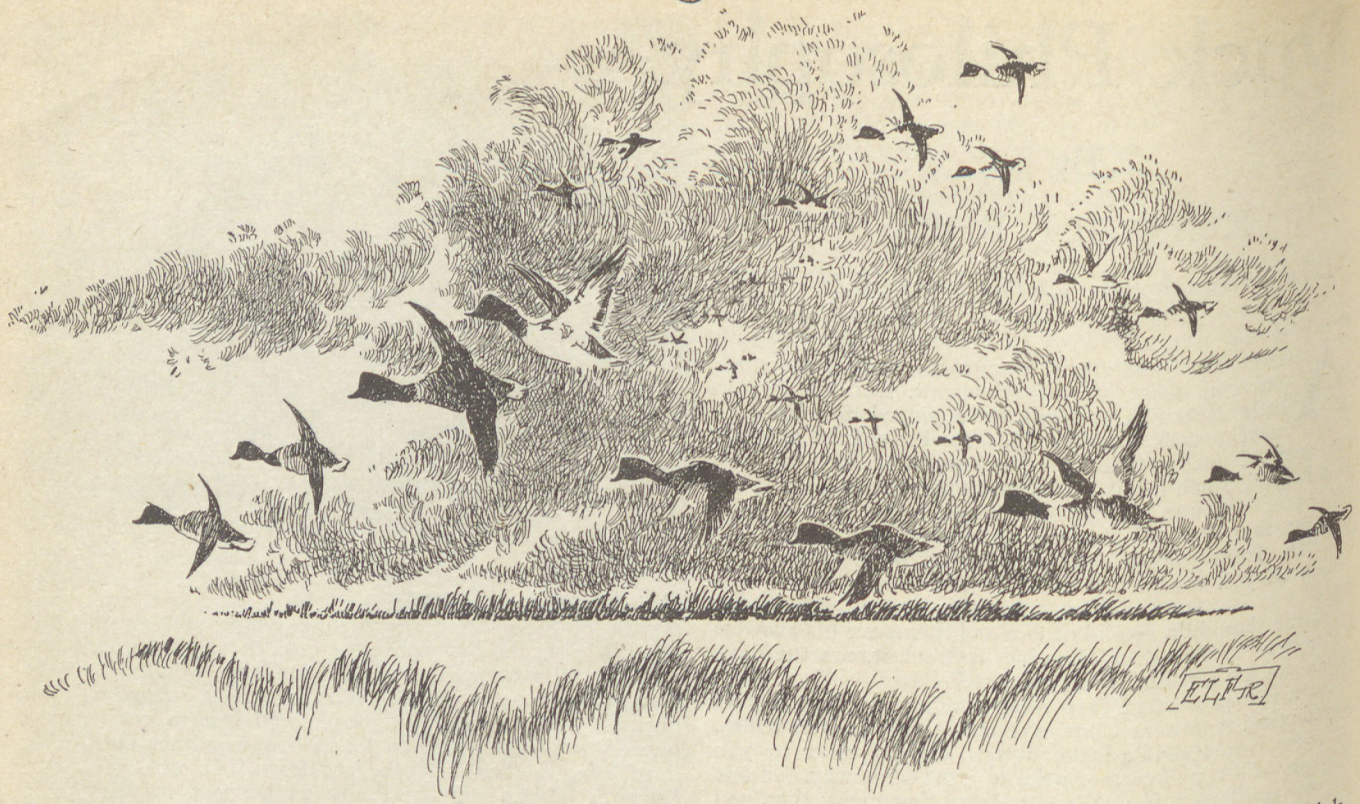
"But the type of shooter that gets me the hottest under the collar is the braggart and liar. You know the kind of fellow I mean, the one who claims to kill nothing but mallards and canvasbacks, never talks of a bag of less than fifty birds, always gets five or six ducks every time he unlimbers his automatic and belittles the efforts of every good, decent sportsman. I suppose it is human nature for some men to act that way but it's awful hard on the listeners.

"Oh, it takes all kinds of shooters to make a world and the sandhiller who's on the hunting grounds all his life is of course more expert than the city man who comes out for a week's hunt once a year.

"To me the real test of a hunter is, whether or not he can distinguish the kind of duck before the flock comes in range. If I'm out with a man and he says, 'Here comes a bunch of widgeon down the lake,' and if they *are* widgeons then I know there's at least one hunter in the blind.

"The man who tries to use the same methods on a bunch of approaching red heads that he does on mallards usually doesn't get along so well. You have to know your ducks just like a doctor knows his patients. There are different rules to apply in every case. To be a successful duck hunter takes hard work and hard study, the same as any business or profession and the hardest work in any hunting grounds is found right here in these sandhills. Let a man put on a pair of breast waders and tramp these marshes all day, especially with a load of shells and ducks in his coat, and he's ready to go to sleep that night without being rocked.

"Sometimes a man comes into the store and says, 'I knocked down fifteen ducks today and only retrieved six



of them.' To me that is inexcusable. Of course, everyone loses a cripple now and then, and even the smartest hunters and dogs slip up on a dead bird once in a while. But I claim when a man can't retrieve nearly *all* his birds then it's his fault because he's not hunting in the right place. He should move to another spot where there's more open water or less weeds or something. If you can't retrieve, don't shoot at all. Dead ducks are meant to be picked up and if you just want to see something fall, go out and shoot tin cans or blue rocks.

"As the years go by, I get a different angle on duck shooting. For one thing, the ducks seem smarter and harder to get. We are all satisfied with smaller bags and ten or twelve good clean kills of an afternoon now give us more of a thrill than fifty birds did years ago.

"I don't claim to be any saint and in the past I've killed too many ducks on too many occasions, but as I get older and my boy George goes out in the blind with me, I kinda get to feeling ashamed of the slaughter we used to think was fun. Just the other evening down on Rat Lake I told George how three of us killed one hundred and eighty mallards in that same spot one day about twenty years ago. He looked at me sort of queer and says, 'Well, dad, I expect it was fun to kill that one hundred and eighty birds but if you'd eased off a little *then* we might have a few more mallards in our pockets here today instead of being empty handed.' Say, that kid's remark just knocked me out and I allowed right then and there to do all I can from now on to perpetuate game instead of trying to exterminate it.

"Gentlemen, I figure that when a man goes out hunting ducks now-a-days, kills a few birds clean, working hard for his cripples, respecting the feelings of his shooting partner and the rights of others, why he's about as good a sportsman as the Lord wants."

And strange to say this was one point that everyone in the store unanimously agreed upon.

SALVATION FOR THE WESTERN DUCKS!

The League Again Victorious

THE western waterfowl will be saved! President Coolidge signed the Bear River Marsh Bill on April 24, authorizing an appropriation of $350,000 to flood upwards of 100,000 acres of death-trap marsh lands. This is a real Walton League victory!

Dr. E. W. Nelson, former Chief of the Biological Survey, and Hon. David H. Madsen, Game Commissioner of Utah, first brought the appalling conditions on the Bear River Marshes to the attention of the public a decade ago. At Dr. Nelson's suggestion, the Federated Sportsmen's Clubs of California raised funds for necessary preliminary surveys. Many groups and individuals suggested remedies. In the meantime from 10,000,000 to 12,000,000 ducks, and several millions of shorebirds, died on the Bear River Marshes.

When the Izaak Walton League made this one of its big national projects and put its full nationwide strength back of it only one outcome was possible—VICTORY! Mr. Madsen, addressing the League's Sixth National Convention at Omaha, said, "Let me express to you the appreciation of the sportsmen of Western America for the support which the Walton League has given this enterprise."

In behalf of the waterfowl and shorebirds of the West, we thank you, Brother Waltonians, who contributed to this splendid victory. It is the first big waterfowl refuge project financed by the government. *Now help push across the Cheyenne Bottoms bill!*

Waste Paper and Trees

A profitable plan to make the younger generation a permanent power for forest conservation

By
FELIX PAGENSTECHER

MR. PAGENSTECHER is Vice President of the American Pulp and Paper Association and a member of the National and State Committee on Stream Purification. He is a Life Member of the Izaak Walton League and has, in the person of his small son, an intimate reason for desiring to safeguard the future of our forests. The plan he has outlined in this paper has a tremendous bearing on our future paper and wood supply and should be given profound individual thought and nation-wide attention.

EDITOR.

NO important question meets with more universal approval than that of the preservation of the forest.

A tree is a beautiful thing, and the grandeur of the forest is an inspiration.

We are all agreed upon the manifold benefits and pleasures which the woodlands offer, and likewise are familiar to some extent at least with what it means when a country becomes treeless.

Still we are willing to thrust the burden of protecting this vanishing godsend upon the shoulders of the comparatively few but faithful and earnest foresters, who although discouraged by the lack of active and material support, valiantly carry on the fight for their friends, the trees.

It is true that much is being done, and increasing numbers of our people are becoming aware of the importance of forest conservation. Appropriations for fire prevention and tree planting are larger. The motorist and camper is confronted with more and more signs as he travels through the timbered areas, which tell him what it means to be careless with his camp fires.

The automobile will win many supporters to the cause of Forestry, through the impressions that these thousands of motorists gain in passing through the millions of acres of devastated timberlands existing particularly in the Great Lakes States.

When on our trips through Michigan, Wisconsin and Minnesota, we picture these great devastated areas forested in their virgin state, we realize how little is being done in proportion to the pleasure and benefit that would be derived from anything even approaching the splendor of these vast primeval forests.

As an illustration of how little is being done as compared with the magnitude of the problem, it may be cited that in one of the aforementioned states *six thousand acres of young trees are planted each year,* and that *the destruction by fire in this same state has been as high as six hundred thousand acres in a like period. In other words; fire has destroyed as much in one year as would be planted in one hundred years, if the present rate of planting is maintained.*

The proper support of forest conservation can only be obtained through education. When the public knows what forests mean to the future health, wealth, and happiness of the nation, it will become active in supporting this great enterprise, which offers such attactive dividends.

The purpose of this article is to teach the school children of this nation a lesson in conservation and at the same time one in thrift, which will be a material benefit.

If the children can be taught that it is possible through their efforts to save thousands of acres of trees annually, they will point with pride to their responsibility and will become a permanent power in behalf of conservation.

In addition to this, they will render a valuable service to all magazines and readers of literature because the paper mills can use waste paper as a substitute for wood in the manufacture of their product.

For this service they will be compensated materially in ways that will be enumerated further on in this article.

The Izaak Walton League, through its more than three thousand Chapters, could add an interesting and valuable feature to its activities, if through its members it would enter into the teaching of this lesson of conservation and thrift to the children of every community in the land.

There are so many interesting and beneficial angles in this whole proposition that it has an appeal to young and old alike. Nothing more than a brief outline will be attempted in this story, but it is hoped that the possibilities will be made clear enough to attract those most interested. If so, others will by their example take up the work and it will soon spread to every village and hamlet in the land.

Before entering into an explanation of the plan, it is deemed advisable to enumerate a few facts about the paper business and its relation to the forest.

The figures given are approximate, but are near enough to the real facts to be interesting and educational, but perhaps not up to date enough to have statistical value to the lumber or paper trade.

When Benjamin Franklin was a printer, most paper was made of rags; now most paper is made of trees. The discovery of the possibility of making paper from wood has had a tremendous bearing on our civilization, because it has made paper available in large quantities at a low cost.

It would be impossible to supply the present demand for school books alone with paper made wholly from rags, to say nothing about newspapers and the other innumerable forms of printed material.

The ladies are all wearing silk and silk rags cannot be used for making paper. Cotton and linen rags are becoming so scarce that it is hard to find enough of them to wipe off the flivver.

It is interesting to note here that the change in feminine apparel has had a double bearing in its demands on the forest. Not only has the change to silk deprived the paper manufacturers of thousands of tons of material that must be made up by the use of wood; but the trees on thousands of acres are necessary to supply the artificial silk which has become a very popular commodity.

The world's annual consumption of paper is about twelve million tons. Of this amount, we use considerably more than all of the other nations of the world put together.

Our per capita consumption every year is one hundred and seventy-five pounds, and that of the next largest consumer about fifty pounds. One of our largest daily newspapers uses more paper than the grand total of all grades used by Spain.

This gives one an idea of the importance of paper and what a part it is playing in the cultural, educational, and commercial advancement of our people.

The per capita consumption of paper is a real barometer of a nation's progress; consequently, its use should be encouraged.

The problem then is to find a sufficient supply of paper making materials and still perpetuate our forests.

The most common substitute for wood used in the manufacture of paper is *waste paper.* Hundreds of thousands of tons are being used for this purpose by a certain class of mills at the present time. This means that thousands of acres of timberland are being spared, because *six tons of waste paper* is *equivalent to* the material made from the *trees on one acre of timberland.*

These children are the foresters of the future and are starting right.

There are probably at least fifty thousand acres of trees saved each year in this way by the Book paper manufacturers alone.

The mills could use thousands of tons more of this material, if they could get it; and it would be a wonderful thing if the children of the land were enlisted in this work.

The altruistic reason for placing this in the hands of the children lies in the beautiful lesson of conservation that would be taught; and the commercial reason is that there seems to be no other agency to gather the thousands of tons of paper that are now being destroyed.

Waste paper is being gathered efficiently from places where it collects in fair quantities, such as office and apartment buildings, but it no longer pays the junk man to massage the door bells of residences.

In the first place, the motor has made the streets uncomfortable for him; and in the second place, a motor truck is too big an investment for the amount of business he can transact.

In the old days, the peddler picked up rags, bottles, rubber, metal, and even bones and soap grease, and ended a day of intensive trading with a diversified load that netted him a good profit compared to the standard wage of that period. Conditions have changed, however, and our bearded visitor with the funny derby and doubtful scales has made his last transaction in the junk business by the sale of his faithful, equine partner to the glue factory. This is due to the fact that there is no market for old bottles; rags have been replaced by silk; and old metals apparently disappeared with the cooking range. The other items mentioned have such trivial value in our present standard of affluence that they find their way to the dump.

It was not uncommon not so many years ago to find the lady of the house engaged in a heated argument over a six cent transaction for the sale of her waste paper. In this day and age, she may be more frequently observed in earnest conversation with the more attractive gentleman representing the concern which sells radios, Victrolas or automobiles, on the installment plan.

It is therefore evident that much waste paper is destroyed because the householder has no easy and agreeable way to dispose of it.

If this householder can be shown through the children that this paper is useful; that the proceeds of its sale are to be used for some desirable purpose; and that, in addition, its use is preserving the forests, it is almost certain that she will be only too glad to contribute it to the cause.

The plan is to pay for those incidentals in schools, churches, and societies, that are now provided for by small cash contributions, with the proceeds from the sale of waste paper.

There are many ways in which this can be accomplished, as has been proven by the many schools that have already raised substantial

(Cont'd on p. 73)

They are already learning one of the lessons of forestry, that six tons of waste paper is equivalent to the trees on an acre of timberland.

A Message to the League

By
JACOB M. DICKINSON

Address delivered by President Dickinson on April 19th, at the League's Sixth National Convention in Omaha, Nebraska

MR. CHAIRMAN, Ladies and Gentlemen of the Convention of the Izaak Walton League of America: I have a great theme to discuss, and however lamely I may do it, I hope to have your patience and your indulgence, especially if it should proceed to a length that some of you may think not justified.

I am very glad that I have the opportunity of presenting what I have to say upon what I regard as a most momentous occasion, before such a large representative body of the members of the Izaak Walton League of America. I feel, in coming before you, that I come into a tribunal where sound judgment, intelligence, patriotism and justice will have full sway.

It is my hope and belief that I am addressing none but true and loyal members of the Izaak Walton League of America, which is consecrated to the service of the best interests of our common country. *If there be any here who are inspired by personal ambitions, who put self above the general good, who would make the League a stepping stone to serve private ends, to them I say they have no proper place in an organization devoted solely to patriotic purposes. This League was formed with the high and sole inspiration of service for mankind.* So long as it shall honestly fulfill that high mission, it will be worthy of public confidence and support. If it shall ever fall from that lofty plane of consecration, by being prostituted to advancing personal or political ambitions, it will not deserve to endure and will surely go down to shame, public execration and contempt.

The admonition of the great Cardinal was "Fling away ambition, by that sin fell the Angels," and then he added "Let all the ends thou aimeth at, be thy country's, God's and truth's." Let this be the motto of all who serve this League.

Whenever in the history of mankind a high and noble movement has been started, as soon as it gained and developed strength, audacious and selfish people have always sought by open or insidious ways to acquire influence and leadership and prostitute it to personal ends. Their ways are ingenious, subtle and bold. Their success means the doom of all noble enterprises. Nothing that promises strength is immune to such nefarious schemes. The greater the strength, the greater the prize to be captured. Many a glorious enterprise has gone awry, sunk down into shame and oblivion because those who were charged with its conduct failed in vigilance and permitted its destruction by those who sought selfishly to use it, or by secret enemies who set out to destroy it, because its spirit is hostile to their plans. Things of insignificance they ignore. Things of present power or of inherent potentiality never escape their watchfulness. They are as "Swift as the eagle that hasteth to the prey."

THE Izaak Walton League is big enough, strong enough, with enough intrinsic potentiality to attract those who would mount by it to eminence or destroy it root and branch, because its creed and activities are hostile to schemes they want to put over and which run counter to the public good to which the League is consecrated. Such activities are already manifest. You bear the distinction of attracting their enmity. Our avowed and open enemies we welcome to combat. By the worthiness of our cause and the support it will derive from all good and patriotic people, we do not fear the final outcome, although we may from a combination of selfish powers sustain some temporary reverses.

Open attack is not our greatest danger. This is from secret foes, and wolves in sheep's clothing, who will try to gain entrance and work from within. Against such we cannot be too watchful. Let no unholy hands be stretched forth under the pretext of steadying the ark of our covenant with the American people. Never in the history of America have large moneyed interests which seek to exploit the inheritance of the people been so bold, unscrupulous and defiant in their aggressions. Witness the recent revelations of how in stealing public property even cabinet officers have been corrupted. That is but one instance of the many who all over this land, in their private greed will stop at nothing to batten on the rights of the general public. In its very nature and the character of public service to which it is pledged, the Izaak Walton League *must be the implacable foe of all such public enemies.* They recognize us as such and unless we have the courage to always confront and combat and fight to the bitter end all who seek to destroy what legitimately appertains to preserving the Great Outdoors for posterity, then our mission is a delusion and we might as well quit and admit our impotency.

Of course, all sensible people know that we are not committed to a blind, senseless opposition to every form of development however meritorious it may be. The world must advance scientifically and in material welfare designed and carried out in a way that will not illegitimately destroy public rights. In inaugurating and carrying out such enterprises it is expected that private capital shall have its due reward and that proper movements for public development in the public interest must be encouraged and not obstructed. Such enterprises are recognizable for they are duly authorized by law, are open and not clandestine, do not seek by secret and devious ways and deceit to get hold of and exploit public rights and thereby inflict manifest public injury.

The attitude of the League on this question is truly and clearly set forth in an Editorial in the May 1928 issue of OUTDOOR AMERICA. I adopt it and promulgate it as follows:

"THE League is solely concerned with a man's effort and influence for the good of the outdoors and the ideals of Waltonism.

"The League is inimical only to that individual or group of individuals who would wreck America's forests, despoil her rivers, desecrate and ruin her precious heritage of outdoor recreation. It is the League's gigantic task to save this heritage. It is the League's mission, its goal, its destiny. *And with unswerving determination and unalterable will, the League intends to do its work. It cannot be stopped by untrue accusations or by subtle implications.*

"The League must continue to fight every interest that would wreck a forest for personal gain, that would construct a water power plant purely for gain, thereby destroying invaluable outdoor recreational or beauty spots. It must continue to fight any who would pollute a stream where it can possibly be avoided or who would uselessly drain a swamp in order to promote real estate or farm lands, thereby ruining natural breeding grounds of wild life."

Such has been done. Such is now being undertaken and if we shall continue in our patriotic work such steals will be encountered from time to time in greater or less degree all over this land, just as long as the avaricious eye of private greed can discover anything which the public should enjoy which can by their false crucibles be coined for personal gain.

Our history is a continuing record of destruction of our great inheritance, a vast amount of it being done with a ruthless contempt for the rights of the people.

If the wantonness that characterized our recent times had not been checked, there would not in a short time be left a stream free from pollution. Birds, animals and fishes, like the Dodo, and the wild pigeon, would become extinct. Most of the beautiful outdoors would be a scarred and blasted waste and the world of beauty would be transformed into a world of gross materialism.

This vision did not need the eye of a seer or the tongue of a prophet to picture it but was manifest to all observing and thinking people and yet we were going on to our fate, if not complacently, at least with resignation. The appeal, however, did stir some men of imagination and foresight, men who were inspired by a patriotic spirit of public service.

A few moved by this great urge to do something to preserve a remnant of our great and fast vanishing inheritance, for our present generation and for posterity, organized the Izaak Walton League. The leading spirit was Mr. Will H. Dilg, a man with the vision, courage and spirit of a crusader who became the first President of the League. The movement at first was weak but its appeal was insistent and inspiring and it soon assumed national importance.

It has accomplished much but its work has only begun. It will not, like Alexander, have to sigh for new fields of conquest. Its warfare can to good purpose continue as far as the mind of man can be projected into the future.

IT cannot relapse into quiescence until the selfish strivings of men shall be superseded by a spirit of universal good-will and public service, or until there shall be nothing left which we

strive to protect. Its mission was high, its achievements have been gratifying but its past is but small in comparison with the greatness that the future offers to it, if it shall be loyal to its aims. It is enough to challenge the courage of our greatest enthusiasts when they consider the vast field of service now open to them. Newton when he compared his attainments in scientific research and knowledge with what the future held in store said that he felt like a little boy who had picked up a few shining pebbles on the margin of the great sea of unexplored knowledge that lay outstretched before him. *We as yet stand but on the threshold of our activities.* Wild life defenders are primarily the State and National Governments within their constitutional limitations. They need the constant stimulation and co-operation of voluntary civic organizations and what is better equipped than ours for studying and mastering these great problems and working efficiently upon the public mind all over the country, to arouse, correct and promote all that tends to this great purpose? This work must be done while there remain the species that are to be protected and proper refuges must be established for this purpose. The wild pigeon has disappeared and *this is but an example of what will occur to many species unless prompt and efficient steps be taken.*

This carries with it the duty of protection against certain kinds of predatory animals which threaten the existence of such wild life as is most desirable. This involves research and experimentation carried out by governmental agencies but in this our co-operation will be of great value.

With increase of our population the cheapness and greater destructiveness of guns and ammunition, the number of hunters, has increased to an appalling degree. In the state of Pennsylvania alone there were issued 525,000 hunting licenses for 1927. To this must be added the elements of ignorance and lawlessness.

Much has been done and is being done to meet these conditions but at present they are notoriously inadequate. Besides proper steps must be taken to supplement the deficiencies of food incident to intensively growing agriculture and the destruction of natural haunts. Much in this line has been done by the Government in Georgia, Virginia, North Carolina, Montana, North Dakota, Missouri, Michigan, Nebraska and the Upper Mississippi River Wild Life and Fish Refuge. This work can be sustained and extended by the hearty co-operation of local chapters of the League. One of the difficulties has come from the useless drainage of marshlands. *An insensate effort developed to exploit these lands to boom agricultural enterprises and that when millions of acres of arable land better and cheaper were lying idle in many parts of the United States.* It was *a financial bubble* but was *most disastrous to wild bird, animal and fish life.*

A sober second judgment has come to our people on this subject. They are not only restraining this craze to exploit lands unproductive for agriculture, but in places such as the Horicon Marshes, are retrieving their error by re-flooding and restoring lands to their legitimate use for the propagation of animal and aquatic life.

This subject is receiving special attention from the United States Bureau of Biological Survey. Canada has surpassed the United States in carrying out her obligations under the treaty giving protection to migratory birds between the United States and Canada. Measures have been pressed upon Congress for establishing a system of refuges in America, but action has failed because there has not been developed a concensus of purpose and a plan of co-operation. However, the trend is in that direction and by proper effort the necessary legislation can be secured. It is necessary that something of this character be done, *for legal restrictions upon killing will not alone afford proper protection.*

There has been a tremendous loss of ducks and geese on the Bear River Marshes, in Utah, at Malheur Lake in Oregon and at Lower Klamath Lake in California and Oregon, owing to the scarcity of fresh water and the consequent prevalence of poisonous alkali. This also has been manifest at the Great Salt Lake in Utah. Tremendous sentiment has been aroused on this subject and the Izaak Walton League through its publications in Outdoor America, and the activities of its field representatives, has co-operated in arousing action upon the part of the States immediately interested, to bring about relief by the construction of dikes to overcome this condition. Investigations are being conducted in Georgia and Florida for the increase of quail. In carrying on this work, our local chapters should give their hearty co-operation. Like investigations are going on in respect of big game in our forests and parks and in this connection a most interesting problem has arisen in respect of the deer on the Kaibab Plateau where is demonstrated that in some sections and in respect of some game on account of the shortness of food, game must be protected from overproduction. In respect of the protection of big game arises a question of restraining the inroads of predatory animals for in many places they are directly responsible for the non-increase of and in some instances the non-maintenance of adequate numbers. Initial steps have been taken for stocking the Upper Mississippi Wild Life and Fish Refuge with game and fur animals. *This is a movement that must not be allowed to slumber.* While I feel confident that the Bureau of Biological Survey will be alert and constant in its efforts, yet it will welcome your constant co-operation and assistance. The Izaak Walton League owes this much to that enterprise for the creation of this Refuge is one of the League's greatest achievements.

Much has been done and is being done toward finding out the movements of migratory birds, their general distribution and breeding habits. This work can be much facilitated by timely and reliable reports from local organizations for the Government has not provided the funds to meet this enormous work all over the country.

A great deal of enlightening information is being derived from bird banding in order to determine their flights and habitats, and this work can be much facilitated by our co-operation. The habits of birds, their effect upon insect life, and the consequent effect upon insect life destructive of crops, is one of great interest and a work in which we can co-operate. Indeed all of these and many other cognate questions are bound up indissolubly in the broad field of our activities. The problems are only limited by nature and the reflexive and retroactive effects one upon another of all that goes to make up the intricate wild life of the country. If any one will read the Report of the Chief of Bureau of the Biological Survey of August 27, 1927, he will be amazed at the multitudinous questions involved and will come to the conclusion that humanly speaking a time will never come in this country when the work of such organizations as ours will not be needed. Our co-operation in regard to the Winter Elk Refuge is specially recognized in the following language:

"THE lands purchased by the Izaak Walton League were offered to the Government, and authority for their acceptance has been granted by Congress. Formal acceptance will be made as soon as legal steps in connection with transfer of title have been completed. The lands have been much needed as an addition to the refuge, and the action of the Izaak Walton League is a public-spirited conservation measure of far-reaching importance."

In the Upper Mississippi Wild Life and Fish Refuge the area of land acquired is more than 60,000 acres, now under administration and suitable measures for protection to wild life therein and its increase, are being taken. In respect of this, the report thus referred to says:

"The establishment of this refuge has made a strong appeal not only to the people in its immediate vicinity, but to conservationists throughout the country."

One mission of our League is to stimulate public sentiment and action in bringing about the enforcement of laws for the protection of game and fish. Many violations have been disclosed in the administration of the Lacey Act regulating inter-state commerce in game and this offers a fruitful field for local activities on our part.

Most of the work that I have specified is constructive but some of the things pressing upon us with the greatest insistence is the destruction that is being carried on and will continue to be carried on from time to time *by those who are seeking to absorb and extinguish public rights in subordination to private exploitation. These, where it is right to oppose them, we will always oppose.* The League has brought the power of its influence to bear in various instances to help out and protect local situations.

Of this the most prominent at present is the attempt of the Backus Lumber Interests upon the international boundary waters between Minnesota and Canada, which we are informed will result in the destruction of many thousands of acres by flooding of the Superior National Forest and the obliteration of hundreds of beautiful islands. This has become a national and international issue. Our national organization has co-operated with local Minnesota Waltonian organizations and other organizations such as the American Legion, and the Federated Women's Clubs, which have banded together under the leadership of the Izaak Walton League to form the Minnesota Conservation Council. *We are committed to resist this depredation to the last extremity.*

We have actively co-operated to bring back the Cheyenne Bottoms in Kansas to the uses for which nature adapted them and to secure to Kansas and other sections the enjoyment of this large area.

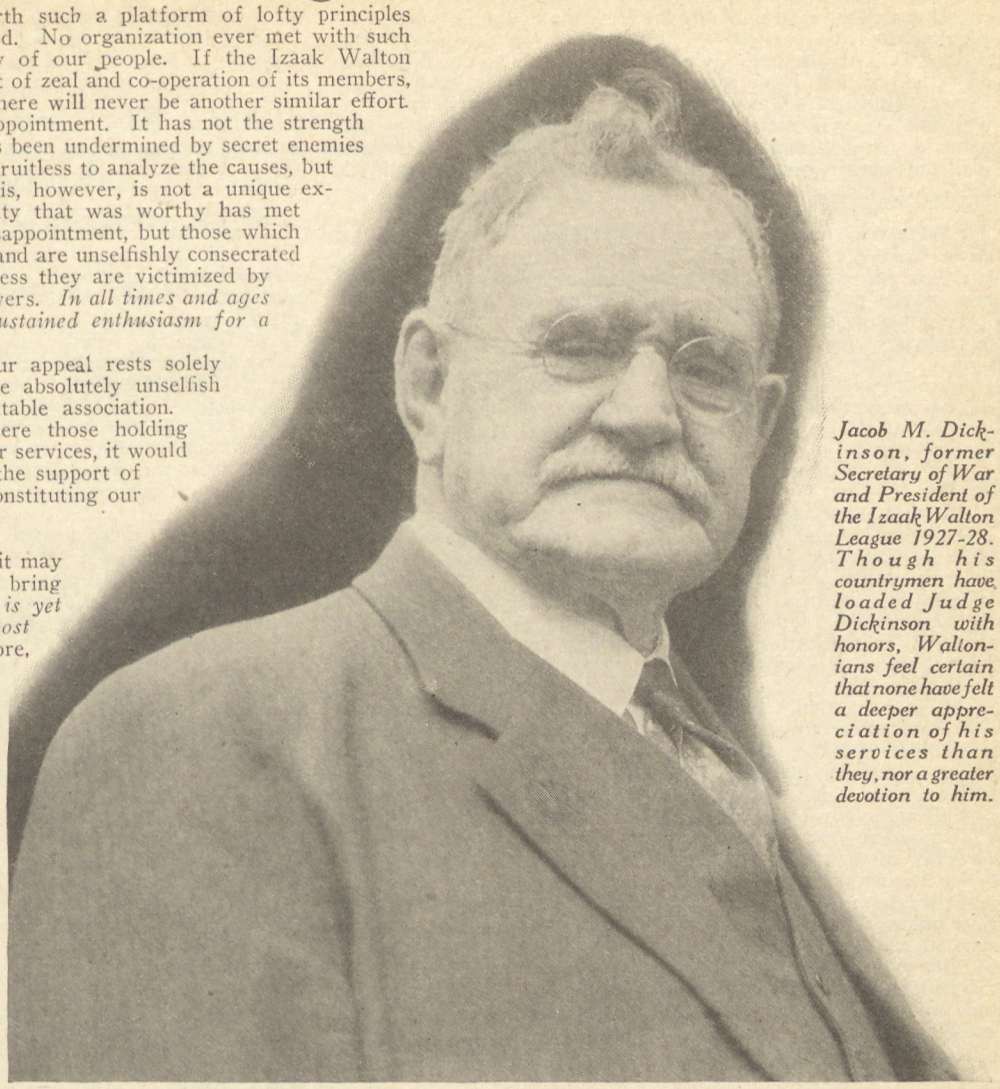
Efforts are being put forth to help save the Potomac River Falls and the Cumberland Valley Falls from ruthless exploitation.

Without taking up more of your time it seems to me that I have demonstrated *the right of the League to live and the call to public duty pressing insistently upon it.* Would that I had the eloquence and solemnity that would duly impress your minds with an appreciation of *the sacredness and magnitude of your work.* The Izaak Walton League ought to live and grow in power, influence and usefulness so long as it shall prove true to its ideals, and this will be done if it shall suppress all seekers for personal aggrandizement, all efforts to prostitute it to political purposes, and all unfaithfulness to its high destiny.

I want to say that nothing since I undertook the administration of this office has brought to me the cheer and courage and hopefulness I have derived from this convention. No organization ever

started in America which put forth such a platform of lofty principles intended solely for the general good. No organization ever met with such unqualified support from so many of our people. If the Izaak Walton League should by indifference, want of zeal and co-operation of its members, sicken and die, then in your time there will never be another similar effort. It has suffered adversity and disappointment. It has not the strength today that it ought to have. It has been undermined by secret enemies and open opposition. It would be fruitless to analyze the causes, but we cannot ignore the results. This, however, is not a unique experience. Every cause of humanity that was worthy has met with opposition, depression and disappointment, but those which have inherent integrity of purpose and are unselfishly consecrated to patriotic work, will survive unless they are victimized by the indifference of their own followers. *In all times and ages it has been difficult to keep up sustained enthusiasm for a cause which is purely unselfish.*

In the very nature of things our appeal rests solely upon what in a large sense is the absolutely unselfish support of a voluntary, non-profitable association. If it were an organization where those holding offices of leadership got payment for services, it would never gain and would never hold the support of people of the character of those constituting our membership.



Jacob M. Dickinson, former Secretary of War and President of the Izaak Walton League 1927-28. Though his countrymen have loaded Judge Dickinson with honors, Waltonians feel certain that none have felt a deeper appreciation of his services than they, nor a greater devotion to him.

WE have a cause which while it may bring and we hope it will bring good to many of us while living, *is yet in the main a work for others, most of whom are yet unborn.* Therefore, it is more difficult in such an enterprise to keep up sustained enthusiasm. There is an increment and then a falling off, and then there are times of resurgence, but at best it is a fluctuating state. Our only strength is in our numbers. From our numbers and the consequent influence comes our potency. This potency is necessary to accomplish our undertakings. The larger the organization, the more respect will it command. It is necessary in carrying on our regular work of central organization and the support we give to public measures, local and national, to have money for necessary expenses, and our only resources are our membership fees and what comes from advertisement. This has been wholly inadequate for our needs. It is necessary for all these reasons, that our membership be increased for without it we cannot continue to exist unless as a mere formal organization without initiative and influence.

Our standing is already good, both state and national. Those who represent us have a respectful hearing before National and State executives and before State Legislatures and in the halls of Congress. This I can state from my own personal experience, for at times as your representative, I have received a recognition and consideration far beyond my personal deserts and directly referable to my capacity as your representative. In this connection I may say without any personal vanity (because I attribute it alone to the office I held as your president) that on account of your interests in flooded areas and their reaction upon fishes and wild and aquatic life, I was appointed upon the Committee that drew up the resolutions of the Convention at Chicago, held in behalf of the Mississippi River Flood Relief, and also on the committee of the United States Chamber of Commerce which served the same purpose, and appeared before the Flood Relief Committee of the House of Representatives as one of the representatives of the Chamber of Commerce in advocating the resolutions which it promulgated. I have also in recent times appeared before other committees of the House of Representatives and of the Senate on public measures and was introduced and received as your President. You have a prestige all over the United States, of which you may well be proud. You have achieved too much for you to sink into innocuous desuetude, but you have not achieved enough to carry the continuing influence that you must exert if you are going to realize the high destiny that you have proposed for your League.

Some years ago for reasons not necessary to explain, for they are of a personal nature, I withdrew from all active connection with the League, resigning my office as a member of the Executive Committee. It was my intention thereafter to work only as a private in the ranks. I had always refused unconditionally to permit my name to be brought forward for the Presidency. I went abroad in March, 1927. To my surprise and consternation, I received advices that I had been elected your President and that the Convention had adjourned. I felt too old for controversy and I thought that one of your young, active, aggressive members should fill that office. However, I was confronted with the alternative of accepting or bringing about some disappointment and almost certainly confusion, by a positive declination. Therefore, I determined to do what I could in behalf of the League and this I have done with a singleness of purpose and a devotion inspired only by a sense of sacrifice and consecration. On my return, I found that the League was languishing, that it had suffered severely, that it had fallen off in membership, and that there was much internal dissatisfaction and open opposition. This, accompanied as it was by a waning treasury and the necessity for carrying on under a heavy financial load, constantly growing, because there had been a falling off in revenue, was a depressing situation. It was manifest that there was a necessity for suspending all activities, or endeavoring to rehabilitate our strength and re-establish our resources. Fortunately, our main creditors were sympathetic and indulgent. The Executive Committee which had in charge the whole question of finances, determined that it was best to carry on and make strong efforts for recovery. It became apparent that in order to do this, they must get a competent man who could and would grapple with the various acute existing conditions. They therefore, in September 1927, employed Mr. Fred H. Doellner who gave up, as I am informed, a prosperous growing business and devoted himself entirely to this work. It was largely a labor of love for no man unless generously inspired by the character of the work, would for mere money compensation undertake the complicated problem before him.

While the President is not charged with managerial duties, yet necessarily in my great interest I have come in constant contact with Mr. Doellner and I say unconditionally that so far as I know, *no man could have been more earnest, laborious, self-sacrificing and capable for the work in hand than he has shown himself to be.* When he took charge the active paying membership numbered 86,900; there were about 400 dormant chapters. He worked unceasingly in season and out of season as all of you who have been in any way in touch with the organization since his incumbency, can testify. He found a fastly ebbing tide. Efforts were made all over the country by insistent and most earnest appeals not merely to stop this defection, but to bring back a rising tide of prosperity. It is hard to stem and overcome

conditions of adversity and to turn back the flow. *Let those who have never tried it not look lightly upon the accomplishment.* As a result of all these endeavors, sustained by the active co-operation of our loyal membership all over the country, the present condition is that we have approximately 2000 active chapters and a paying membership of about 94,000. Our hope was to make it much more but as Virgil said, "Easy is the descent into the lower regions, but to re-ascend, this is the work, this is the labor."

IF there were an awakening all over the country such as shown in some of our divisions, we would not have any financial trouble. All over this country, efforts almost superhuman should be promptly put forth to develop the strength we deserve to have.

To put ourselves on safe ground and to acquire the power that is rightfully ours, *we ought to increase our membership to a million. That is less than one-hundredth of our population.* If we can achieve that number and strength and keep our garments *so that there will not be upon them the smell of the smoke of internal strife or public unworthiness,* then *the Izaak Walton League will be one of the most stupendous powers in this great nation,* and all of its members can justly feel proud of sustaining it.

Without assuming to obtrude my views insistently upon you, I beg leave to offer the following suggestions. I think that the office of President should change from year to year. That is the rule of the American Bar Association. It is an unwritten rule but has as much power and vigor as if it were inserted in the Constitution. Great men have held that office, such men as Wm. H. Taft, Charles E. Hughes, Elihu Root, John W. Davis and others of great international eminence, but friends of no one of them would think of proposing their names for re-election. It would be a dud. Another unwritten rule of the American Bar Association has been never to elect a man who was avowedly a candidate for the office. Such a one would have to take his wares to another market. Politics has never cut any figure in their election. Men have been selected whether democrat or republican, solely on account of their fitness for the office. If you should re-elect a President from year to year, a time would certainly come when there would be either great dissatisfaction or inefficiency or both. It would be embarrassing to drop a man who had been re-elected to the office. There is not a state in this union that cannot offer a broad, patriotic, able, public-spirited man, free from self-seeking and who is entirely capable of filling the office of President of this League.

Besides, I think it would strengthen the League to have from time to time Presidents from various parts of the country. It would arouse far greater local interest and activity and be a source of strength to the League.

While none of your elective officers have or should ever have a salary, nevertheless to carry on such a work as you are doing it is necessary to have as your active administrator, a capable business man of varied accomplishments, and you will have to compensate him for the character of work he does. Keeping up with the activity of your organization and its internal work and pushing those public measures that you will support, and opposing the depredations on the public that you must antagonize, is an Herculean work requiring great ability and loyalty and zeal. The editing, printing and distribution of OUTDOOR AMERICA, and the management of its advertising department is a large business. It is one of the largest enterprises of its kind in America. I have received from the Manager of the League a statement of its expenses. Your office force, including the General Manager, numbers thirty-nine (39).

The audit by Rickett, Benington & LeClair shows that for 1927 the expenses of the League, excluding those for OUTDOOR AMERICA, were.....$148,140.04

The expenses for OUTDOOR AMERICA for the same period were 300,747.82

The total was $448,887.86

The present indebtedness is approximately.....$125,000.00

Mr. Doellner advises me that it is expected from the present outlook this will be reduced by July 1, 1928, about $10,000.

This condition, while alarming and demanding measures of relief is by no means desperate or hopeless. It must be borne in mind that there has been a steady increasing cost for everything. What you in response to the cause you had espoused have sustained, has insistently and constantly *grown in its demands.* It was hardly to be expected that this work could be carried on without incurring debt. Almost all business enterprises must at first face a loss of capital. We had no capital except the good will and support of a voluntary membership. I have been told that when one of the present magazines, now most successful, was started, it was with the understanding that for the first few years there would be a heavy deficit, and arrangements were made for a loss of several hundred thousands of dollars. *It was considered essential for the League to have an organ. My present opinion notwithstanding our losses, confirms this judgment.*

Without it we could not expect successful organization and would have been powerless to advocate those things in the public interest that gave common purpose, coherency and activity to the League. It has served as a potent advocate for our cause, and we cannot abandon it without the hazard of disintegration and the certainty of losing great efficiency and power.

While the affairs of the League have not in all ways, in my opinion, been conducted in the best way, it can never be expected that organizations like ours will be able to do what those conducting enterprises involving their own invested money, can accomplish. In the nature of things this can never be realized.

This great economic truth was clearly and forcibly stated by President Coolidge on the 16th of this month in his D. A. R. address at Washington, in which he solemnly warned against the absorption by the Government of enterprises that should be conducted by the people themselves, and scoffed at the idea that the Government can handle successfully private business.

We have no alternative and can never put into this movement the main-spring and the balances that motive and regulate private investments. We are bound to do the best we can under conditions that cannot be essentially altered.

In OUTDOOR AMERICA we have a strong effective organ. In my judgment it was never better than it is now. We cannot afford to abandon it but must improve it if the League is to survive.

LAST year, there passed away, Mr. George H. Selover of Minneapolis, member of the National Executive Committee, President of the Minnesota Division and one of your earnest active members. He died in the harness. A distinct loss was sustained by your organization.

One of your most active and devoted members, who was most generous in sustaining the organization, who was President of the Chicago Chapter and who was always filled with an ardent zeal for the welfare of the entire League and who never sought any office or any benefit in any way from the League, was your Vice President, James O. Heyworth, a man of high character, great intellect, public spirited and patriotic. Less than a year ago, he seemed to be a man whose strength was as solid as an oak. He was only 61 years of age, and now in the day of his strength and power and prominence, he has been cut off and gathered to his fathers. You never have had and never will have a more enthusiastic and devoted member of this League.

Mr. Thornhill Broome, your Treasurer, has been stricken with a heavy hand, has been confined to the hospital for months, and in all probability cannot for a long time to come resume his former active work.

Your last President, Mr. Charles W. Folds, a man of indomitable will, indefatigable energy and supreme loyalty to your cause, has been in the hospital for months and is still in a serious condition. While his sickness was not caused by, yet certainly it was aggravated and hastily brought to a crisis by his unremitting labors in your behalf. I bespeak for Mr. Broome and Mr. Folds your heartfelt sympathies and know that you will generously give them.

During my incumbency as President, I have spoken in behalf of the League at Chicago, Utica, Buffalo, Rochester, Akron, Toledo, South Bend, Waukesha, Independence, Turrell, Ark., Memphis, Gulfport, Crystal Springs, St. Petersburg and Homassa.

It fills me with satisfaction to report to you that everywhere I went, I was attracted and pleased by the high character, intelligence and zeal of the men and women who constituted our membership.

To arrange and take care of our obligations and maintain our work efficiently, it will be absolutely necessary to make prompt provisions for our financial exigencies.

This whole question has for some time been under the earnest consideration of your Executive Committee. I am not prepared to put any plan before you. I earnestly urge that you, if in your wisdom you think it best, impress upon your incoming Executive Committee or such body as you may intrust with the matter, the necessity for some prompt action and that you will empower them to adopt and carry some plan for relief, into execution.

And now in laying down the office intrusted to me by you, and resuming my place as a private in your ranks, I thank you for the honor you have conferred upon me and the support you have given me, and assure you that as long as I am capable, I shall be a faithful and devoted worker in your great cause.

In the subsequent proceedings occurred the following:

PRESIDENT DICKINSON: If I may be permitted, I would like very much to bring before the convention for consideration a subject which is alluded to in the latter part of my address. In that connection, I will tell you what has been done since I have come here and since that address was written, and what seems to me to be a very pressing duty resting upon us to take some action for relief.

I was very much troubled in my mind, and have been for months, over the financial condition of *(Continued on page 26)*

Outdoor America

Member A. B. C.

Owned and Published by

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DEFENDER OF WOODS, WATERS AND WILD LIFE

Founded by WILL H. DILG

National Headquarters, Clinton and Randolph Sts., Chicago, Ill.

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Charles W. Folds

CHARLES W. FOLDS died at his home in Chicago on the afternoon of April 24, following an illness of several months.

To say that the League has lost one of its greatest friends, one of its principal sources of strength, is to voice a platitude. In the first place it is not true. Charles Folds' service to this League was not of such a nature that his death could intervene. His service is permanent. The League has lost personal contact with a mighty friend in his death, but it has lost not one iota of the fruits of this friendship. His mark on the League is as lasting as the League itself.

He built not for himself, but for others. That was what was in his mind. That is the way he worked, and the way he lived. That is why his effort on behalf of the League has become a part of the fabric of the League itself, and that is why his friendship is the permanent possession of all who knew him.

Charles Folds has held positions of the utmost trust in many organizations. The list of these is a long one. It would fill half a newspaper column. It will fill no space here. Let those who are interested in the positions Charles W. Folds held look elsewhere. This editorial is an effort—pitiful at best, its shortcomings measured by failure at expression, not by failure at appreciation—to tell about Mr. Folds as he appeared, not on the scroll of distinction or high position, but in the hearts of men.

Such words as friendship, integrity, honesty, loyalty, sincerity, trust, have become space-bars for the typewriters of empty eulogy, tossed for good measure into the maws of spinning presses. They have come to mean nothing. The playthings of mountebanks, they have lost their souls.

Yet they are good words. Sometimes they are used as the maker of the dictionary intended them to be used. Sometimes they are the only words that can possibly be used. In some cases they lose their tinge of insincerity, the rags of poverty drop from them, and they stand before the world as true symbols of the beginning and end of all effort on this earth.

As such they may be used here. They gain strength by their association. * * *

There is something about the passing of Charles Folds which assuages grief. Perhaps it is the thought that he had done a finer work in the world in his fifty-seven years than most others do in their full seventy. He must have been conscious of it. When heart speaks to heart there is always an echo. Honesty and truthfulness build no walls between people. He must have known that he had built up a friendship and a trust which was almost beyond belief in a world which trades on fake friendship and fake trust.

Service is another word that is hard to use. It has become a term of pseudo-giving in a world of pseudo values. Yet its foundation must have been a firm one. It must have sprung from some place—it must have had an origin deep in the roots of humanity. In using it here we must hark back to its original meaning—we must think of it as an expression of the utmost in fellowship with mankind.

To give a list of positions of trust and honor held by Charles Folds seems inevitable. Perhaps, after all, such honors, although showered alike on the great and the near great, have a greater significance than we at first thought. They cannot measure the depth of his service to others, but they can indicate its surface. Perhaps, too, there is such a thing as a man making the honor, not the honor making the man.

Charles Folds has done much for the Walton League. From the first he was a source of strength to it. He was a National Director from 1922, and National Treasurer from the same date until 1926, when he was elected President—the first to succeed Will H. Dilg, its founder. During the past year he was Chairman of the Executive Committee.

This it not a very accurate measure of his service to the League. It tells nothing of the hours that he spent, and the miles that he traveled, doing the things that these positions did not strictly demand. He came near to being the "George" of the League. He did things. He sweat blood for the League. He was the man to whom others turned. He gave not only his position and his influence to this movement, but he gave of his own energy and life.

But this was characteristic of him. In other fields of public welfare he worked just as hard. In each of them he carved a niche for himself which will not easily be filled.

During the war he was chairman for the sale of Liberty Bonds for Chicago and had entire charge of an organization of 50,000 men and women, and the sale of bonds reached a good deal more than three billion dollars under his direction. He was for ten years president of the United Charities of Chicago—resigning when he became president of the Walton League. He was president of the Home for Destitute and Crippled Children, and at his death was a member of the Board of Trustees. While president of the Union League club he started the movement to develop clubs for the underprivileged boy—was president of the Union League Foundation for Boys' Clubs. He was a director of the Chicago Chapter of the American Red Cross, and a member of the Executive Committee of the Near East Relief.

So there you have a list. What matters about the list is not what honors Charles Folds held, but what he did with them. With his work in behalf of the Walton League before us as a living example, it is easy to vision his outpouring of energy in these other fields.

Just a few weeks before he died he was working for the League. Matters which it seemed only he could attend to were taken to the hospital. He was riding on trains, doing important things for the League, seeing to vital matters in Washington and elsewhere, during the past few months when he should have been in his bed at home. He could not refuse, so long as there was work to be done and so long as he could possibly do it. The advice of his doctors meant nothing to him. The League meant everything.

Some said he was a fool to do it. Perhaps he was. They said it would kill him. Perhaps it did. But he will be alive when all the wise men are gone. He will live in the hardest place in the world to find a lodging—in the hearts of people.

—D. H.

POLLUTION

A problem of nation wide importance which the Izaak Walton League of America is pledged to solve

Edited by DR. HENRY BALDWIN WARD
Head of Zoological Department, University of Illinois

Your Responsibility and Mine—By KENNETH A. REID

STREAM pollution, or rather the elimination of this pollution, is one of the major problems confronting the sportsmen, the health departments, and the general public today. Unfortunately, the last mentioned is rather slow in awakening to the danger and in supporting measures for its correction.

Away back in the "dark ages" of this country's history some ill advised individual started the saying that water will purify itself in "running over seven stones," or perhaps it was over seven miles of stones. At any rate, one hears such foolish statements even today, when we have right before us concrete examples in many streams that have run several times this distance, and still their waters are so foul that neither fish nor human being can use them. There never was any truth in such a saying.

The major aspects of pollution are now receiving the attention of practically every sportsman's organization in the country, and considerable headway has been made through corrective legislation in several states. Pennsylvania has gone so far as to undertake a complete survey of every waterway in the state, both large and small, as a foundation for intelligent corrective measures.

Quite naturally, the efforts so far have been directed almost entirely against the wastes from larger municipalities and industrial plants on streams where the pollution has been so great as to completely eliminate all fish life. Very little attention has been given to those streams where pollution has not been complete and fish life still survives, although in diminished numbers or inferior species. Yet these cases are often the easiest to correct and, in my opinion, should receive attention before the more badly polluted ones.

The effectiveness of any campaign for anti-pollution depends almost entirely on an educated public sympathy with it. Of course, legislation will help, but all the drastic laws conceivable will not eliminate the menace unless Mr. Average Citizen knows what it is all about and is in sympathy with it. Without mentioning any names, we are all aware of at least one shining example of opportune but ineffectual legislation, because public sentiment is not behind it.

Before we can expect people collectively to accomplish anything worth while, they must individually believe in and practice the program that we hope to accomplish. And Mr. Average Citizen, I am afraid, has only the haziest conception of pollution, its hideous menaces and the need for its elimination.

I am not in any way attempting to belittle the excellent and very necessary work that is being done in eliminating the major causes of pollution; I am in most hearty accord with it. I do believe, however, that the work should begin at home, and my own observations are that there is a great deal of educational work to be done on Mr. Average Citizen before this is the case.

In my rambles over thousands of miles of waterways, I have come across many cases of minor pollution that were directly inimical to the people responsible for this pollution. Many an isolated community or village which often owes its very existence principally to the revenue derived from fishermen attracted to the stream on which it is located, dumps its untreated sewage and all other refuse into that stream. Because there are still some fish caught below, it has probably never occurred to the inhabitants that they are at least detracting from, if not ruining, their greatest asset.

Even when fishing is not appreciably impaired, the water is rendered unfit for drinking purposes and public health is menaced. Who has not been disgusted, in wading along a beautiful trout stream, to see here and there through the clear water an old automobile tire, old shoes, discarded clothing, and tin cans? Such forms of minor pollution are absolutely unnecessary and the result of sheer thoughtlessness and ignorance.

High up in the mountains of Colorado is a most excellent fishing hotel that is dependent entirely for its patrons on the trout fishing in the stream on which it is located and the big river that the stream empties into a mile and a quarter below. This hotel is modern in every respect, except that it dumps all its sewage and wastes into the stream; and it is enough to practically eliminate the fishing between the hotel and the river. As the proprietor controls six miles of stream above his hotel and the pollution is not appreciable after it reaches the big river, it probably never occurred to him as important that he make proper disposition of these wastes. If some other parties should acquire the upper reaches of the stream, build a hotel above him and dispose of their wastes in the same manner, there would doubtless be a sudden awakening of the first party to the evils of stream pollution and a loud cry against it.

Mr. Average Citizen is

Do you know what is the best sanitary code for the preservation of the wilderness? Read Deuteronomy 23:12-13

Do Your Part to Keep Waters Clean

Recognizing the evils of polluting our lakes and streams and the rapid growth of this practice which is menacing human welfare far and wide

And desiring to do my part in correcting the evil—

I HEREBY PLEDGE ON MY HONOR

1. That I will not throw garbage, human waste, camp refuse or any other such materials into any waters or knowingly permit others to do it for me with wastes for which I am responsible.
2. That I will do my part in the campaign to educate individuals as well as communities to desist from such practices.
3. That I will take advantage of every opportunity to influence canneries, factories and other commercial organizations to begin at once the limitation of such methods with a view to its total abolition at the earliest possible moment.

Signed.....

WALTONIAN

TALK AND WORK UNCEASINGLY AGAINST POLLUTION

Do you dare to try to live up to this standard individually that you may with clean hands insist that others do so?

Polluted by all wastes from Creede but still supports trout. Also polluted by Hot Springs Hotel at Wagon Wheel Gap and others.

Polluted by Municipal sewage from Butte, Anaconda, Missoula and other towns. Also mine and similar wastes from Butte and Anaconda. Joined at Missoula by Bitterroot and Blackfoot rivers and from there down contains trout in spite of Missoula sewage.

Even amongst the ranks of sportsmen, who are vigorously supporting anti-pollution measures, are many individuals who in private practice are the worst sort of offenders in a minor way. Many fishing camps dump all their refuse in the stream and many summer cottages follow the easiest way of running their sewage into the nearby stream. More fishermen than otherwise, will, I believe, after cleaning their fish on the bank of the stream from which they came, throw the entrails in the water rather than dig a little hole in the sand or dirt with the heel of their boot and bury them.

When many individuals in the groups or organizations that are vitally interested in keeping our streams pure are so careless and thoughtless, it is hardly to be expected that Mr. Average Citizen, who may not give a whoop about all the fishing in the world, will be careful about not polluting the waterways. There is indeed much education needed along this line, for, as a people, we are most ill mannered in our outdoor behavior.

The Forest Service has taken a step in the right direction by posting signs along the highways and including in their descriptive map folders, earnest requests to keep the streams pure by burying all refuse. Most sportsmen's organizations and outdoor publications have included some similar plank in their platform. Every sportsman can help, by personal example and suggestion to his fellows, in establishing a code of outdoor good manners that will go far toward the elimination of these minor pollution evils.

Sign the pledge on the opposite page and keep its promises continually in mind that we may each of us do our share in bearing *your responsibility* and *mine*.

certainly no better. He may be in favor of any plan brought to his attention to eliminate the pollution from the town or industries on the stream above where he lives, but he has probably never thought about beginning at home in the elimination of this menace. Such common slang remarks as: "I'll throw you in the river," and "Aw, dump it in the river," used in a derogatory sense of a person or object, are typical of Mr. Average Citizen's attitude of mind toward our waterways as graves for all undesirable things.

One day last summer while fishing the Missoula River some thirty miles below the town of that name, I passed a truck piled high with garbage, on a bridge crossing the river. As I was leaving the bridge, my attention was attracted by much shouting and splashing of water behind me. Looking back, I saw the truck stopped in the middle of the bridge and its two occupants busily engaged in dumping their entire load in the river below, the while yelling at the top of their lungs, apparently in great glee, at the sight of the refuse drifting off in the current. There may be some excuse for the pollution of this fine river by the town of Missoula and the mining industries higher up, but absolutely none for this sort of minor pollution.

Suggestion in a recent letter from Dr. Ward, editor of the Pollution Department of OUTDOOR AMERICA and new President of the Izaak Walton League.

AS a means of stimulating interest in pollution and of making also a formal record of our own achievements it occurred to me that we might print an Honor Roll under which would be listed very briefly not the things which are going to be done or which somebody is confident he can get a city or a manufacturing interest to do, but those things which have *actually been accomplished.* This Honor Roll would include a list of cities which have voted bonds for actual disposal plants and have entered upon the construction of same or have completed the installation and are actually beginning to treat their wastes. The Honor Roll would also include a list of manufacturing companies which have taken similar definite action with reference to their wastes. One idea that I have in connection with this is that it would differentiate between those cities and industries which are *actually doing something* and those which are *only talking about what they plan to do or what they want to do or perhaps ought to do.*

A Message to the League

(Continued from page 22)

the League. The debts were increasing unavoidably, out of proportion to our income, under the necessity of the work which had to be carried on. It was perfectly manifest to me that there was a fork in the road, and on that road was a signboard. Upon one arm was: "It is your duty to proceed to treat this as an insolvent concern and wind it up, and to pass sentence of death upon it."

The other alternative was to bring the matter to the attention of the members of the Executive Committee and try to get them to use their utmost endeavors to carry on, at least until the matter could be brought before the national convention, composed of representatives from all parts of the country who would have confidence in their action, and there determine whether or not there should be a winding up of this great enterprise; or whether something should be done to put it upon a sound foundation.

I did not believe that in the interim between conventions the officers and Executive Committee, if they could possibly avoid it, had any right to pronounce sentence upon the organization and execute it. I was convinced there was inherent strength, power and courage in the members of this League to deal with the situation, and that it was our duty to give them an opportunity to do so.

Fortunately, our largest creditors were men who for a long time had been members of the League. Without their generosity in the way of making contributions personally and their indulgence in the matter of credit, we could never have brought out a single issue of OUTDOOR AMERICA.

This was no new condition in regard to the League. From the very first year, it was a losing enterprise—always built upon hope and expectations, which in the main were not realized. Naturally there was a constant increment of debt as your usefulness enlarged and your opportunities for public work increased. If you embraced them, it meant an increase of debt. If you rejected them, it would soon be regarded that you were shirking your obligations and going into a state of inanition.

After I had thoroughly studied the situation, I want to say to you frankly that I stayed awake all one night. I never spent a more unhappy time in my life, except when a member of my family was stricken. Never had my business or public affairs brought upon me the anxiety I felt under these circumstances. I felt that I had been entrusted by the convention with this high office and there was a reasonable expectation that if anything could be done, I ought to do it. Filled with that conviction, I thought over the whole situation. Although we were trying to increase the membership and reduce expenses, I saw that increment was so slow it would be inadequate to cope with the crisis, and something had to be done promptly in a large way to meet the situation.

My interest in the League had first been aroused through my association with Mr. George E. Scott. I never had spent any large amount of money for the League, although I had made some contributions commensurate with my ability. I knew myself—and when I say I knew it, I want you to accept that statement in its full significance, for in all I am saying I pledge my honor and faith—that Mr. Scott had in crises and exigencies put up more money than anybody else connected with the League—sometimes $1,000, sometimes $500, and sometimes $2,000 to tide over a situation and pay immediately pressing bills. Once when he was absent and a question arose, I went to his bookkeeper and went over his books and checks, and found up to that time he had given personally over $14,000. (Applause.)

I knew some men of prominence and wealth, but I also knew at this time men of that class had been curried with a fine-tooth comb in behalf of all sorts of eleemosynary institutions, and had been driven almost to extremities. I never belonged to the wealthy class myself. I had no hope that I had any great influence with those men. I had no point of appeal that would interest and arouse them. I did know, however, that Mr. Scott did have this contact, because at times, to help this League, he had gotten his friends together and given a series of luncheons, at which he persuaded them to put up $70,000.

Now, the men who did that have rarely attended any meetings or held any office. They did it as a public work because they had confidence in your Association and what it was doing; so it was merely a contribution to a great public purpose.

I then wrote Mr. Scott a letter—and it was some letter I assure you. I poured out my mind and heart in that letter. I told him that unless I could arouse him to take some active interest in the matter, I saw no alternative except the early demise of the League. We met frequently and went over the situation and discussed it with members of the Executive Committee and with the creditors of the League.

Then I appealed to Mr. Scott to ask if he would not undertake some work or establish some plan which would look to putting the League upon a strong, independent basis and foundation. I knew his loyalty to and zeal for the League and that he would be willing and ready to make any sacrifice to save this great public cause so dear to his heart.

He said to me that he would do nothing independently. He would do nothing that would reflect his own ideas in the matter. But if the League, through its Executive Committee, would evolve some plan satisfactory to it, he thought it probable a Foundation might be established by which a considerable sum of money might be secured—no particular sum being named—to be administered by men of outstanding character in this country—men whose very names all over this country would carry confidence and conviction to the people—men who by no possibility could have any selfish interest in the matter; that if the League thought well of such a plan, and if its Executive Committee should work out one satisfactory to it, while he would not commit himself in advance, he was willing to say he would look upon the matter with great interest and great sympathy. Really, while he did not say so, I had no doubt that he would undertake to carry out any feasible, adequate plan that the League might present.

Last night at the Presidents' dinner, I gave a full exposition of this matter and of what I thought might be done in the dire necessity under which we are laboring. There was full and free discussion on the part of all the presidents there—something over thirty—and I want to say to you, without exception, every man there—all being representative men—inasmuch as there was no other plan they could think of which would be more effective in this situation, felt it should be done. All were willing to get behind it and recommend it for your action.

Then after full discussion, this body of presidents adopted a resolution. They directed that that resolution be presented to you and that you be asked to act upon it—endorse it if you thought proper, or reject it; but that it was for you to say, whether or not this undertaking was worthy of your support and confidence and co-operation. The resolution is as follows:

"RESOLVED, that in consideration of the present serious financial difficulties of the Izaak Walton League, the Executive Committee be instructed, at the earliest possible moment, to endeavor to formulate a plan for the creation of a Foundation, with the idea of raising by contribution a sum of money sufficient to liquidate the obligations of the League and to furnish a sufficient income to enable the League to carry on and enlarge its activities commensurate with its plans and the public expectations, and that they are hereby fully empowered to do everything necessary or proper to inaugurate and carry out such plan.

"FURTHER, that when the Executive Committee has formulated a plan which is satisfactory to them, they use every endeavor to persuade our fellow member, who has done so much for the League in the past, Mr. George E. Scott, to undertake to put into execution and endeavor to carry it through to a successful conclusion."

The counsel of the League has been working on a plan for this Foundation, and there were preliminary conferences with lawyers in New York who represented other Foundations and have no interest in the matter. That is in shape to present to the Executive Committee. If you pass this resolution and authorize it, the Executive Committee can act upon it promptly, and steps for carrying it out can be undertaken at once.

I do not mean that this contemplates from house to house solicitation within the League. While there are many within the League who doubtless will demand a part in this work, it is intended in the main to be from without the League, from persons who have means and a disposition to stand behind and promote a great cause like this.

I offer this resolution and urge upon you its adoption unless somebody here has some other plan which would be better. Mr. Scott would welcome any other plan, because this one means a tremendous responsibility if undertaken by him.

Frank Brady (Atkinson, Nebraska): Believing in this plan, I wish to second it. (The plan was seconded enthusiastically from all parts of the floor.)

Dr. George A. Condra (Lincoln, Nebraska): This meeting of today calls me back to twenty years ago when the National Conservation Congress was organized under the influence of then President Roosevelt. I have been in conservation work continuously since that time. Never have I heard in any national or state meeting such a straightforward statement and report as you have had today. (Applause.) Evidently there is something of going value in your magazine and your organization—a value which you can secure by following the plan proposed.

I know of more than one organization operating just that way. I am surprised that you could have continued this long in such a splendid public service without receiving funds as here suggested. It is a splendid resolution. It will save your work for our country.

The motion to adopt the resolution presented by Judge Dickinson was then carried unanimously, amid much applause.

President Dickinson's Report on the Action of the Executive Committee Carrying Out the Foregoing Resolution

AT a meeting of the Executive Committee held on the 19th day of April, 1928, the following proceedings were had:

Resolved, that the Izaak Walton Conservation Foundation plan formulated by members of the Executive Committee and its general counsel and submitted to this meeting of the Executive Committee is hereby adopted unanimously.

And be it Further Resolved, that the chairman present said plan to George E. Scott for his consideration with the request that he accept the plan and undertake to put it into execution and to carry it through to a successful conclusion.

The Chairman reported that he had submitted said plan to Mr. Scott, and then reported to the Committee that Mr. Scott had examined it and said it was satisfactory to him, and in his judgment was workable, and he would take great pleasure in undertaking to put it into execution, and would endeavor to carry it through to a successful conclusion.

In my judgment, it is very fortunate that we were able to take prompt action in this matter. We were only able to do this because the Executive Committee had already had the matter under consideration; and our counsel, J. M. Dickinson, Jr., had been working on the plan for several months. It is not a weed of hasty growth. It is not a mushroom that sprang up in a single night. It was understood and appreciated from the beginning that if any action were going to be taken in the matter, it would have to be thought out deliberately and carefully in all its details, and that no plan would be put out without coherency; but something should be presented that would have been passed upon with care and judgment and adapted to the exigencies of the case.

Now, in order that the members may thoroughly understand what is contemplated in this plan, I will read to you a copy of the proposed Charter. (Reads Charter.)

I want to say to you Mr. Scott has already entered enthusiastically upon this work. While he has not authorized me to make the announcement, I know as a fact and announce it on my own responsibility that he has said he would start the fund by a personal subscription of ten thousand dollars. (Applause.) He has already secured the names of two other subscribers who have promised to subscribe ten thousand dollars each. (Applause.)

Mr. Scott and I are to meet in Washington the coming week for the purpose of endeavoring to enlist the sympathy and co-operation of such outstanding people as would be proper to become trustees of this Foundation. I want to say to you they will be people whose names will command universal respect all over the United States. I also want to say—*and I want this to sink deeply into your minds and conscience—that no sums will be solicited and none accepted from sources who think they can thereby acquire an influence and power to control or affect the purposes and activities of this League. I would rather see the League perish today than be saved for such an ignoble future.*

I feel now that our hopes, which have been fluttering along like a crippled bird, close to the earth, can now take strong wing, and "on luminous wings soar, Phoenix-like, to Joye."

CERTIFICATE OF INCORPORATION
of
Izaak Walton Conservation Foundation, Inc.
Pursuant to the Membership Corporations Law

WE, the undersigned, desiring with our associates and successors to form a corporation pursuant to the Membership Corporations Law of the State of New York, do hereby make, sign and acknowledge this Certificate for that purpose as follows:

1. The name of the corporation shall be

Izaak Walton Conservation Foundation, Inc.

2. *The corporation shall not be conducted for profit; the purposes and objects for which it is formed are exclusively scientific, educational and charitable; its general purpose is to restore and transmit to posterity the outdoor America of our ancestors as an essential factor in the formation of our national character and in the mental, moral, spiritual and physical development of our people;* in execution of this general purpose the specific objects of the corporation are as follows:

TO encourage the teaching of nature study and the fundamental principles of conservation in schools throughout the country;

TO promote the establishment of biological experiment stations for research into the best scientific methods of propagation and distribution of fish and game, and for giving instruction and training in such methods;

TO encourage and support proper scientific programs for forest extension and management, the reforestation of denuded areas, the restoration of unwisely drained areas, and the elimination of pollution from inland and coastal waters;

TO encourage the establishment and proper scientific maintenance and administration of an ample number of fish and game refuges and preserves, fish hatcheries and game farms;

TO promote scientific regulation of the catching or killing of fish and game and to inculcate a spirit of respect for such regulation based upon an understanding of its necessity and purpose;

TO aid in developing opportunities and facilities for more intimate study of wild life in its native environment;

TO encourage education and training leading to a more general appreciation of the aesthetic and economic value of our birds and wild flowers;

TO aid, promote and encourage such other objects of a scientific, educational or charitable nature as are germane to the purposes of the corporation.

IN carrying out the said purposes and objects, the corporation may act directly, or indirectly by extending financial support or other form of co-operation to agencies created for similar purposes; provided, however, that so long as the Izaak Walton League of America, a corporation organized and existing under the laws of the State of Illinois, continues in the judgment of the directors of this Foundation to function as a national organization devoted to the purposes and objects above described, this corporation will administer its funds as an endowment for the work of the League exclusively; as a means of accomplishing the foregoing purposes and objects, the corporation shall have the following powers:

Then follows a description of the powers ordinarily granted a corporation of this character.

Now, ladies and gentlemen of the convention, this is the Charter under which we propose to act. It is in accordance with the advice of the Executive Committee and our general counsel the best form that comes to us as proper for carrying out your purposes and aims. It is satisfactory to Mr. Scott, and he is willing to co-operate and to throw into it all of the energies of which he is capable.

I want you to note that the outstanding feature of this Charter is that the funds contributed to the Foundation must be used exclusively for the work of the Izaak Walton League of America as long as it shall continue to function as a national organization devoted to the purposes and objects set forth in its platform.

Sixth Annual Convention

of the Izaak Walton League at Omaha

AT Omaha, Nebraska, the Waltonians of America gathered for their Sixth National Convention from April 18 to 21—one of the most successful conventions ever put on by the League—and another page was written into conservation history in this country.

More than two thousand delegates and visitors from nearly every state in the union—they were there from Texas, Minnesota, New York and California—took part in the proceedings. Nearly five hundred officially accredited delegates and alternates were there.

They began to arrive in Omaha as early as April 16, and on the day before the Convention opened nearly two hundred delegates had registered. This early interest was due to the fact that the Sportsmen's Show at the Omaha Auditorium opened on Wednesday, April 18. Hundreds of visitors came early so that they could make an uninterrupted visit to the Show.

The gathering at Omaha was a varied one. Leading conservationists, Government officials from East and West, outdoor writers and artists, chapter officers and delegates from every corner of the United States, with a generous sprinkling of women—a few were visitors, a few were delegates, some were officers—were there.

Undoubtedly this was the most cosmopolitan, the most representative, gathering of its kind. The leadership of the Waltonian world turned out en masse.

When the first session of the Convention opened in the grand ball room of the Fontenelle hotel, the room was filled with delegates, each contingent seated according to the state from which it came.

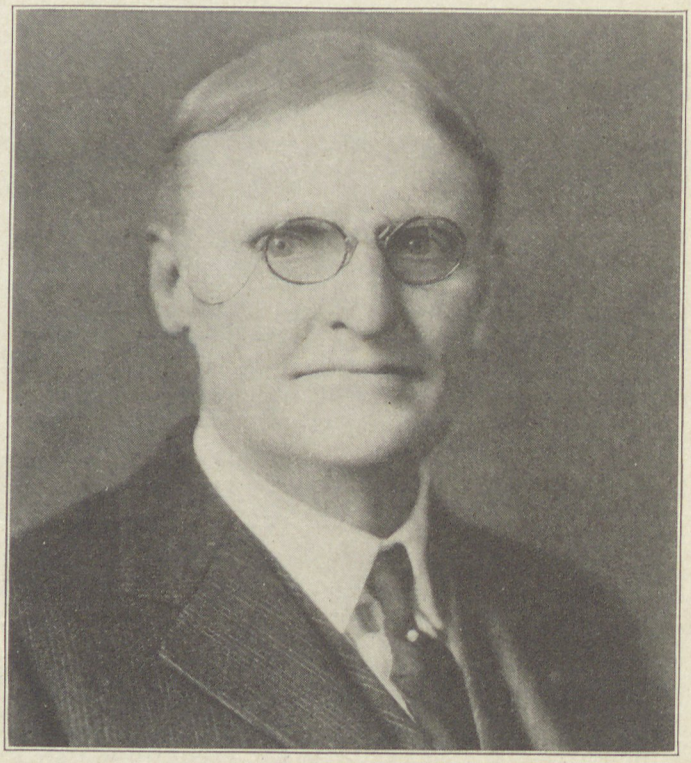
Ward B. Edwards, Utica, president of the New York division, was selected as temporary chairman, and H. A. Savage, Saginaw, president of the Michigan division, was made permanent chairman. Following the invocation and appointment of committees, the address of welcome by Mayor James C. Dahlman of Omaha, Mr. Edmund J. Sawyer, former Park naturalist, Yellowstone Park, gave a lecture on birds illustrated by crayon drawings executed as he talked.

Seth Gordon read a paper, Restoring the Bobwhite in the South, by M. D. Hart, executive secretary of the Virginia Commission of Game and Fish. Mr. Hart, unable to attend the convention, had asked Mr. Gordon to read his paper for him. Following this, Ozark Ripley, editor of the Your Dog and Mine department in this magazine, and one of the foremost outdoor writers in America, gave his observations on the quail supply in general.

Judge Jacob M. Dickinson, retiring president of the League, delivered in the afternoon what was declared by those present to be the finest message ever read before a Walton convention. Following his prepared message, Judge Dickinson launched into an extemporaneous appeal for the creation of a Walton League Foundation. This was authorized to be presented to the executive committee at once, and a report returned to the convention.

Next came the brief reports of the National Headquarters department heads, and then the short addresses of the state division presidents. Those who gave talks were Dr. C. E. Laws, Arkansas; Dr. P. R. Blodgett, Illinois; Charles L. Biederwolf, Indiana; A. C. Willford, Iowa; J. Quincy Ward, Kentucky; H. A. Savage, Michigan; Dean Rundlett, Minnesota; Dr. J. Paul Price, Missouri; Frank J. Brady, Nebraska; Ward B. Edwards, N. Y.; Judge Frank B. Burford, Oklahoma; Joseph Flueger, Ohio; Dr. William H. Moore, Pennsylvania; W. T. Huxtable, South Dakota; Wm. P. Aberg, Wisconsin; J. L. Greer, Wyoming.

Algie Holt, state director, spoke for Major A. Erland Goyette of New Hampshire, and W. H. Poling, secretary of the Kansas Division, spoke for President A. C. Malloy of that state. S. W. Thompson, secretary, spoke for A. M. Christianson, president of the North Dakota division.



DR. HENRY BALDWIN WARD, newly elected President of the Izaak Walton League.

Dr. Ward is well known to Waltonians through his leadership of the League's Clean Streams Crusade. He is one of America's leading authorities on Pollution.

Dr. Ward is extremely prominent in scientific circles, especially in matters pertaining to fish and other aquatic life. He is a former President of the American Fisheries Society and space will not permit of our giving here a complete list of his many honors and degrees.

The League is indeed proud of having this distinguished scholar and scientist as their new President.

Dr. Ward's speech at the Convention covering important phases of the "Status of the Pollution Campaign" will be published in the July issue of Outdoor America.

One of the surprises of the convention came when Horace Albright, Assistant Director of the National Park Service, Superintendent of Yellowstone Park, one of the most popular men in government service, stepped in, unannounced, for a short visit between trains. Mr. Albright was introduced to the convention and spoke briefly.

Henry O'Malley, U. S. Commissioner of Fisheries, Paul G. Redington, Chief of the U. S. Biological Survey, and E. A. Sherman, Associate U. S. Forester, led the program the next day with brilliant, authoritative expositions of fishes, fowl and forests, and the part of the Government in the administration of these resources.

Aldo Leopold, U. S. Forest Service, Wisconsin, an outdoor writer of note, discussed wild life management in relation to forests.

Ernest C. Oberholtzer, Ranier, Minnesota, president of the Quetico-Superior Council, sounded the keynote in the foremost conservation project now being advanced by the League. He told of the fight to preserve the waterways of the Superior Forest against private exploitation, and made a logical, powerful plea for the establishment of an international recreation area of the 15,000 square miles which include the Superior Forest in Minnesota and the Quetico Reserve in Ontario.

Mr. W. T. Cox, Superintendent of the Upper Mississippi River Wild Life and Fish Refuge, was next on the program. He told of the progress being made in the big preserve, representing the first national conservation victory of the League, and discussed the value, the widespread use and the vast possibilities of, and the plans for, the area along the Father of Waters which the League has saved as a wild life haven and public playground for all time.

On the evening of the second day a smoker was held in the convention room. A special program of motion pictures was put on, including some taken by the Pathe News of the events of the convention.

On Saturday Dr. Henry Baldwin Ward spoke on the League's Pollution Program, and Eugene Bennett, representing I. Zellerbach, California Game and Fish Commissioner, who was unable to be present, discussed Pacific Coast conservation administration problems.

At this point the program was suspended to hear a special report from Judge Dickinson. This was a report from the executive committee in the matter of the endowment fund. According to the report, Mr. George E. Scott, who *(Continued on page 58)*

What They Said

Excerpts from Speeches Made at the Recent Sixth National Convention of the League at Omaha, Nebraska

"I AM to commend to you the proposal carried by the Quetico-Superior Council, and fathered by the Izaak Walton League—this is one of those companionate fatherhoods the details of which too much is not confided to the public—the proposal to dedicate, by treaty between Canada and the United States, the whole of the Rainy Lake watershed, through which the international boundary of Minnesota and Ontario runs, to international recreation, the conservation of wild life, the promotion of forestry, and common-sense generally between two peoples who, though they have more than the average national proportion of that commodity, have had none to spare.

"There are nearly fifteen thousand square miles of this watershed's unexampled glory of lake and river, forest and stream, moose and fallow deer. This playground is as big as all Rhode Island, Connecticut and Massachusetts. Within it are over three thousand lakes and a lacery of rushing streams the like of which is nowhere else upon any continent.

"I know something of the personnel of the International Joint Commission which will offer primary advice to the two federal governments upon the great Quetico-Superior plan. I haven't much doubt as to the course both halves of the Commission will take, provided the situation is presented in the way the Quetico-Superior Council, with the Izaak Walton League at its elbow, will know how to present it. We need only a coherent and informed public opinion. For this cause came the Izaak Walton League into the world.

"We can bring to pass through this Quetico-Superior adventure, besides the immeasurable advantage of an unexampled Out of Doors University, with a canoe paddle as its graduating symbol, a new birth of historical appetites on this continent, as part of our true contribution to twentieth century civilization."

"I would beg you to become thoroughly seized of the Quetico-Superior project sponsored by your great organization. Then I would have you join actively in every effort that is made to bring the unique treaty to pass. And, finally, will you not discover in this empire the precious opportunity to demonstrate, as it has never been shown before, that the kindred nations of this continent have a fashion of understanding and goodwill which may be an example to all peoples who wish all government to be worthy of the governed.

ARTHUR HAWKES,
Toronto, Ontario, Canada.

"NO other form of recreation or sport has benefited by such paternal interest on the part of the Government as that of outdoor recreation. Uncle Sam stands behind and blesses the hunter and the fisherman above all others. Why is it? I suspect it is based upon a belief that the mythical average American is a man who hunts or fishes and that the average American is one of our natural resources and should be conserved.

"Fishermen and hunters are the only men I know who will tax themselves by means of licenses and will expend their time, energy, and funds in other ways to restock fields, forests and streams with game and fish by which others will benefit.

"Since mankind first developed sense enough to work a fish-bone into a hook, it has been known that a fish could be transmuted into human health, vigor, and welfare by the simple process of eating it. A fish living in some meandering canal is a manifestation of nature, but a fish tucked away in the alimentary canal is a token of health and satisfaction.

"The fish nursery idea already so well presented to you by the Secretary of Commerce, Mr. Hoover, your Honorary President, who is the father of the idea, has become so well established that I feel I can safely offer a few words of caution without discouraging anyone. In the first place, if possible, secure the advice of a competent fish culturist on the advantages or disadvantages of your site before you start a nursery. Do not hold on to your fish too long. Every month during which fish are held in nurseries or hatcheries means a depletion in their numbers no matter how perfect the conditions.

"Experienced and competent fish culturists are scarce, and since the Bureau has a fair share of the available talent in its personnel, I consider it our plain duty to make their experience and knowledge as accessible as possible to all who wish to benefit by it. Our employees, from those in the Washington office to the men in the remotest field stations, are ready to help in solving any problems in their field which may be perplexing you, and if a long range prescription does not fit the case, we will arrange, if possible, to have a first-hand diagnosis made by a personal inspection.

"The United States has recently developed a new product for export in the shape of so-called Unofficial Ambassadors of Good Will. We have been generous with some of our treasured resources, especially our native game fishes. Many countries have called for them, and where there has been any chance of successful transplanting, without depriving our own people of what they need, such requests have been met. Several Alpine lakes have been stocked with Mackinaw trout from Michigan, and reports indicate a successful establishment of this species. Years ago bass, brook and rainbow trout were sent to Great Britain and continental Europe. The Scandinavian countries and Germany also received bass. Word was received recently from Budapest making inquiry about smallmouth bass. South Africa has requested a shipment of bass and miscellaneous fishes. Rainbow trout are already thriving in some waters of that country. In the Argentine, trouts and salmon have moved in, and some angry Argentine has written pointing out a Yankee characteristic to overdo a good thing and stating that there are now too damn many fish!

"Hawaiians, living under the flag, deserve all the advantages that the mainland affords, and they have rainbow and brook trout fishing at least. The Philippines chose bass and the goods were received in fine condition. From New Zealand come tales of good rainbow trout fishing and the establishment of our Pacific salmon in their streams to a limited extent.

"George Washingon admonished against entangling alliances. We wavered in this policy and sought the carp; we got it; we have it; and we will continue to have it. Probably the greatest value of the carp in America has been that of a horrible example.

"We brought in the European brown trout and its first cousin, the Loch Leven. No disastrous results have accompanied the spread of this alien and it has filled a need in some sections. But this gives us only a fifty per cent batting average on our importations and the wisest course is to proclaim our satisfaction with what we have and let the rest of the world roll by. When you consider that we have acquired only two non-indigenous fishes from the rest of the world while other countries have drawn upon us for over half a dozen species, the belief is strengthened that Nature treated the United States with unprecedented favor in regard to fish and our greater share of privilege should call forth a greater effort toward conserving and perpetuating it.

"I am supremely optimistic that true conservation of our fish and game life will become a guiding principle and an accomplished fact in our national consciousness. The Waltonians have the will and the enthusiasm; there remains the problem of what course must be followed to make this will effective and the determination of the measures which will reconcile the divergent trends of civilization and development and a natural innate longing for the primitive."

HENRY O'MALLEY,
U. S. Commissioner of Fisheries.

"DURING the past year I have had ample opportunity to appreciate the power and influence of the Izaak Walton League. My contacts with the League's officers have been many, and they have been pleasant and profitable. Able support has been given to the work of the Biological Survey, and the help given by the League from the President down has enabled the Biological Survey to more constructively handle its own part in the wild life program.

"Among conditions affecting wild fowl, none has seemed more important in recent years than the epidemics which have caused the death of such large numbers of those birds in some of the Western States. The Biological Survey has done considerable work on those outbreaks in the past, resulting in definite diagnosis of the trouble in the Bear River Marshes as alkali poisoning, and the Survey hopes to pursue research along these lines until the cause and possible remedies of western duck maladies in all their phases are worked out.

"Within the past year the Biological Survey has detailed an experienced field biologist to undertake studies of elk in the Jackson Hole region, in which are situated the lands recently made a part of the Elk Refuge through the generosity of the Izaak Walton League.

"Because of the unanimity of interest and support behind the proposed reflooding program on the Bear River Marshes in Utah, legislation looking to this end has been passed by both Houses of Congress and a fund of $350,000 has been authorized to be appropriated to provide additional areas of fresh water for the waterfowl in that famous concentrated area. It is expected that this amount of money will establish fresh water areas 45,000 acres in extent. Notable among the backers of this program has been the Izaak Walton League. Officers and chapters of the League have also worked to bring before Congress the need for the establishment of a Federal migratory bird refuge on the Cheyenne Bottoms in Kansas. Legislation to provide a fund of $50,000 to make the Cheyenne Bottoms a permanent refuge for waterfowl is pending in Congress.

"I should like to enlist the interest of the Izaak Walton League in problems confronting the Alaska Game Commission in its comparatively new work in the Territory of Alaska. The Alaska Game Law, which is administered under the direction of the Secretary of Agriculture through a commission consisting of five men, four of whom are Alaskans and appointed by the Secretary of Agriculture and the fifth a member of the Biological Survey, who acts as executive officer of the commission, has now been operating for three years. The Alaskan people have taken kindly to the idea of more adequate protection for the notable array of big game animals and fur bearers in the Territory. I bespeak for the Alaska Game Commission the active aid of the Izaak Walton League in the work the Commission is doing in Alaska.

"Having been in intimate touch with the officers of the Izaak Walton League in connection with many matters of import to the wild life of the country and having seen concrete results obtained through the co-ordinated action of the officers of the League with the chapters, I would say that the future of the League as a power in the councils of the Nation in all affairs of conservation and the outdoors is secure."

PAUL G. REDINGTON,
Chief, U. S. Bureau of Biological Survey.

"TWENTY-FIVE years ago the Forest Service tackled the problem of establishing forests in the sandhill region of northwestern Nebraska. Our objectives were the utilization of waste land, the growth of wood to furnish a local supply for a treeless region, and regional improvement of living conditions. Doubting Thomases declared the effort a foolhardy one and predicted its inevitable failure. It was a difficult problem to solve and first efforts were unsuccessful. However, the technique of reforestation in that region was successfully worked out and we have today on the sandhills west of Halsey, Nebr., a true forest of about 18,000 acres.

"As citizens of the United States, foresters and Waltonians are mutually interested in our country's economic well being. We are mutually interested in preserving from unnecessary destruction and defilement our great asset in out-of-door America. We are mutually interested in restoring destroyed forests. The objectives of the forester are wood and clear running streams for our people. The objectives of the Waltonian are game and fish, with the opportunities they afford our people for enjoyable outdoor life. The forest is essential to both. The forester realizes that an abundance of fish and game add to the value and attractiveness of the forest; the Waltonian realizes that game and fish flourish where forests thrive.

"Over 400,000 acres of land in the forty-eight States is best adapted to growing trees. Wood as a crop grown from the soil, yields products of greater value than any other single crop."

E. A. SHERMAN,
Associate Forester, U. S. Department of Agriculture.

"FOLLOWING Nature's principle but improving on Nature's methods is the keynote of modern efficiency in the disposal of waste material and the conservation of water courses. The modern process of sewage treatment in tanks and filters is similar in principle to the process used by Nature on streams.

"The science of stream sanitation rests on two vital facts: first, that fish cannot live in water containing insufficient dissolved oxygen; and, secondly, that most of the waste material now dumped into the streams picks up oxygen very greedily, thus causing the fishes to die of suffocation.

"Instead of loading the streams with sewage and expecting Nature to supply the necessary oxygen for purification, adopt Nature's principles but speed up the process by treating the sewage with oxygen in small space and under controlled conditions. The hope of making a profit from sewage treatment is a dream which people have been futilely following for generations. It is true that a certain amount of fertilizer can be recovered, but the cost of this recovery allows no real profit. A combustible gas is now being recovered from the fermentation of sewage flood. The amount of gas obtained is about 5 per cent as much as the city gas used by any given town. *But common decency and cleanliness are benefits enough.* The expense of the treatment will be many times repaid by the increase in value of the streams for fish production, as places for recreation, and as sources of water supply."

DR. A. M. BUSWELL,
Chief of the Illinois Water Survey.

"AFTER fifteen years of close study and observation of the Bear River Marshes as a National Project, I am convinced that there is not in Western America any subject which so vitally affects the future of migratory waterfowl and shore birds as do the conditions in Bear River Marsh. The marsh consists of a great level delta, comprising three or four hundred square miles, at the mouth of Bear River which for centuries has been the resting ground and breeding ground for countless millions of migratory birds. It is on the Great American desert and is the only marsh of any consequence within hundreds of miles, into which birds concentrate twice each year from at least fifteen states. If this marsh were to be suddenly destroyed, the destruction of this great group of birds might quickly follow.

"During the past twenty years, at least ten million and probably more than fifteen million birds have perished in these marshes. I have, personally, seen fifty miles of shoreline strewn with the carcasses of dead and dying birds, with an average of fifty birds to each lineal rod. I have seen lakes and ponds almost completely filled with disabled birds; and hundreds of thousands of birds, unable to fly, crawling from the marsh into the small fresh water streams that trickle down through the tules until there was not room for another bird, and then practically all die. I have seen old birds perish on the nest, when the young were just breaking the shell to come out, only to die of poison or from starvation. This grave question has had attention from Utah during all this period of time and much good has been accomplished, though, with the limited funds available in a state so small as ours, adequate control of the situation has been impossible.

"The state now owns seventeen thousand acres of marsh land which has been flooded with fresh water and utilized as a feeding and shooting ground for the benefit of birds and sportsmen alike, and is perhaps the only successful project of its kind to be yet developed in the United States. This project will be completed at a cost of approximately $50,000 and will furnish a limited amount of shooting for several thousand sportsmen annually.

"In the field of conservation there is probably no organization which more truly represents the American people than does the Izaak Walton League. Included in its great membership are men and women who represent every school of thought which has a bearing upon the subject. There is a wide range between the ultra-conservationist, or perhaps sentimentalist, and the too ardent fisherman and hunter. Somewhere between these two extremes a line of thought must be crystallized which will establish a policy acceptable to the majority of the League members and of the American people, which policy must be established upon a foundation resulting from thorough and scientific investigation, having for its purpose the perpetuation of all desirable forms of wild life."

DAVID H. MADSEN,
Game and Fish Commissioner of Utah.

"TIME was, when nature controlled the world. Now man controls nature. Whether birds, flowers, beasts, which were ages in the making, shall survive depends now upon the will of man.

"Europe has long since learned that forests, fish, and game cannot be continually harvested without also being replenished and that the easiest way to produce them is to safeguard nature in her own processes. Europe works *with* nature to keep nature productive and beautiful.

"America, on the other hand, has the habit of vandalism. Ours has been a policy of tragic waste. We have blasted, polluted, and applied the torch. We have worked *against* nature to render her barren and hideous.

"In the heart of the continent lies the Rainy Lake watershed, forming part of the boundary between Ontario and Minnesota. There are twenty-five million people within a radius of 500 miles of this last great wilderness. Here in this forested lakeland are rapids, waterfalls, forests, game, Indians, ancient paintings on the rocks—all that was once America. These 3,500 lakes are rich in the history of the fur-trade and the early explorers. Yet game slaughter, flooding, and fires that sweep hundreds of square miles are fast obliterating these rare public values. The needless fate of northwestern Maine threatens this wonderland.

"Americans have suffered so long and terribly from the habit of vandalism that our first impulse is to padlock our remaining resources in outdoor museums, where they can be seen but not used. Any conservation which places the emphasis on production rather than on preservation alone is new in America and therefore little understood. Such is the plan of your QUETICO-SUPERIOR COUNCIL for the public use and development of the Rainy Lake watershed.

"Ontario's share in this plan is notable. Ontario citizens in 1908 first suggested setting aside Superior National Forest as a companion to Quetico Provincial Park. Again last autumn they suggested closer international agreement by treaty covering the whole watershed. Ontario has the more beautiful part of the lakeland to give. After 20 years' study of these Ontario lakes and their vanishing wild life I do not hesitate to say that not all the mineral and timber and water-power of the Province is comparable in value to these lakes *left in their natural state.*

Whole sections of Europe derive their chief livelihood from attractions half as great. Americans cannot afford to sit idly in their rocking-chairs while their own citizens desecrate this magic land. Such things are possible today only because no one knows or no one cares.

"Great things are happening in the north. Here will be an international park, the first of its kind in the world and four times larger than Yellowstone. It will be a lakeland instead of a mountain park. It will be self-sustaining through its huge output of fish, game, and forest. It will administer for all time to the self-reliant, pioneer spirit of our people. It will afford more than sight-seeing. It will give opportunity for the healthful, independent activity in contact with unspoiled nature, which is bound to be more and more the crying need of the people of this country.

"For these reasons and because of its size, historical associations, and, above all, its international character, a marvelous opportunity is presented. We shall see a vast annual migration to this new international domain in the northland. As the country becomes more crowded, we may expect to see more and more the development of scenic highways and corridors leading to this new focal point of attention, which so admirably expresses the aspirations of two friendly peoples. The proposal is of profound significance, both economically and culturally."

ERNEST C. OBERHOLTZER.

"DEFORESTATION with its attendant evils has made it more difficult for papa and mama fish to raise as large families as formerly and they haven't practiced birth control either. Reclamation of swamp, bayou and marshland has destroyed the homes of the little fishes, compelling us to establish nurseries and orphanages to protect them from their big brothers and sisters. The clan of the salmon and shad have encountered man-made dams and other barriers on their way to the places of their birth to deposit their eggs and thus perpetuate their race. Worse still, we are pouring an ever increasing flood of domestic sewage and trade wastes into our streams, making open sewers of many of them. And then we indulge in lengthy arguments as to why the fish are disappearing.

"Any program of fish husbandry must take into account differences in the habits of the fishes, their habitat and adaptability to domestication. We may therefore divide our fishes roughly into three groups. In the first group we will place those species which may be reared as the farmer rears stock or poultry. Here belong such groups as the trouts, basses, sunfishes and the lowly carp. Through aquicultural practices, we may thus augment the wild stock, placing the harvest on the market in competition with the natural crop or through planting make a direct contribution to the wild stock in our waterways. Thus we provide better angling or better commercial fishing or both.

"In the second group we may place those species over which man can exercise a measure of control of the supply chiefly by indirect means such as regulating the intensity of fishing effort. As the supply will be regulated by restraining measures, we may term this the 'Thou Shall Not' group. This group will include the commercial species taken in the Great Lakes such as whitefish, ciscoes, and pike perches; the anadromous fishes such as salmon, shad, alewives, striped bass and sturgeon; a restricted group of salt water species, the squeteagues, flounders, halibut and the important groundfish—cod and haddock.

"In the third group belong the mackerels, tunas, bluefish, some of the sea herrings and possibly a few other pelagic species. This airplane view of the whole field a la Lindbergh may aid us in seeking a rational solution to these complex problems of fish husbanding."

LEWIS RADCLIFFE,
U. S. Deputy Commissioner of Fisheries.

"GAME conservation in the past has had to deal with the question of *whether* it is worth while to perpetuate game. Game conservation from now on must grapple with the question of *how* to do it.

"This will require a different mental attitude,—perhaps less courage but more patience, less oratory but more thought, less legislation but more education, less opinion and more research.

"Ingenuity without funds gets further than funds without ingenuity in game management research.

"There is no more hope of raising game crops without science than of raising farm crops or forests without science.

"Let me state with all of the emphasis at my command that *game management research is a job of continental proportions.* It involves every acre of rural and forest land in the country. This job is not going to be done, or even scratched, in the spare time of a few enthusiasts, or by dribbling appropriations.

"Agriculture and forestry began to apply science to their crops decades ago. Game management must now do so, or fail."

ALDO LEOPOLD,
U. S. Forest Service.

"ONE of our big problems has been to protect our fish life by the construction of fish ladders over dams and fish screens in canals and rivers where water is averted for irrigation projects. The erection of dams by hydro-electric companies and irrigation projects has deprived the state of large areas which were used by both salmon and trout for spawning purposes. Where the height of the dam renders it possible fish ladders are installed under the supervision of the Commission. Where this is physically impossible, the power or irrigation company is required by law to construct and equip an adequate fish hatchery to compensate the state for the loss of the spawning area.

"Reclamation projects which have dried up areas formerly wet and irrigation projects which have flooded areas formerly dry have increased our problem of upland game. The state has established in northern California one of the largest game farms in the country. We have successfully raised a quantity of Chinese ringneck pheasants and have commenced rearing Hungarian partridges. We are also experimenting with wild turkeys and are raising some quail. Last year, which was its first full year of operation, the game farm planted some nine thousand pheasants. We have had great difficulty in getting sufficient brood stock of Huns, so we are not yet in quantity production on that bird.

"Last year there were 19,500 legal bucks taken in the state.

"We are attempting to give the sportsmen what they want; and we can assure the sportsman that he is getting one hundred cents for his dollar."

I. ZELLERBACH,
Fish and Game Commissioner of California.
Speech delivered by Eugene D. Bennett.

"THE pheasant hunting enjoyed in South Dakota today is the result of an investment of less than $20,000 in the purchase of stock. The first pheasants were introduced into our state in 1912, when about 300 birds were released by the Game Department. During 1912 and 1913 a number of birds were purchased with funds contributed by a group of sportsmen, but the real program was not started by the Department until 1914, when some 2,000 birds were purchased. During 1915 another 2,000 birds were liberated. In 1917, 1918 and 1919 smaller purchases were made and in all approximately 7,000 birds were purchased. From this original stock the birds have increased to such an extent that it is conservatively estimated that approximately two million birds were taken by licensed hunters during the fall of 1927."

O. H. JOHNSON,
Director of Game and Fish, South Dakota.

"IT is entirely unnecessary for me to go into the history of the Upper Mississippi River Wild Life and Fish Refuge at this meeting. It is needless also to describe this project or even to picture to you the wonderful bluff and bottom land country included within the boundaries of the reservation. I assume that the members of the Izaak Walton League are already sufficiently familiar with the origin and the general character of the Wild Life Refuge which represents the first and greatest result so far attained by this organization.

"The Upper Mississippi River Wild Life Refuge is now an established fact and the Department of Agriculture, to which Congress delegated the task of administering the reservation, has been busily engaged for the past two years in acquiring the necessary lands, in organizing and maintaining a protective force, in making surveys of the wild life found on the area as well as of the plant foods available, and in planning and carrying out development work to build up the forest and wild life resources of the Refuge.

"The League may well be proud of its accomplishments in the case of the Upper Mississippi River Wild Life and Fish Refuge. The reservation is clearly showing the way by which the wild life of our country can be preserved and developed so that a reasonable amount of public shooting may be assured in the future. The next big thing for the League undoubtedly is to continue along the line thus clearly indicated and to see that our wild fowl and the other wild life of various regions all over the United States are given an equally splendid opportunity in other Refuges to be established at strategic points."

W. T. COX,
Superintendent, Bureau of Biological Survey.

"THE most benighted people on earth are those who haven't tried to improve on nature. It will be a sorry day for us when we subscribe to this theory in wild life conservation, and to my mind every dollar we spend in research work to this end is money well spent. When the sportsmen of America fully realize that the niggardly sums most of our state Game Departments have at their disposal is insufficient and that the burden of the conservation of each state's wild life resources is being carried on the backs of about ten per cent of its citizens they will readily see that we will also have to make some improvement on human nature.

"Every citizen of this Nation is or should be vitally concerned in the conservation of all wild life resources of this country, and every person of taxable age should be made to pay, annually, according to his means, a certain sum to be used for this special purpose and then those who take wild life should pay, in addition, a privilege tax to do so.

"An old maid and an old bachelor are required to pay a school tax though they may never have children of their own, yet the general welfare of the Nation is just as important to them as to other people and it is right that they should contribute to the cause of education.

"I submit there is nothing more important to the general welfare of this Nation than the sane conservation of its wild life and other natural resources, and everyone should help carry the burden."

W. B. COLEMAN,
Superintendent, Virginia State Game Farm.

"WE believe Pennsylvania's success to be rather outstanding. Most of the important native species of game have been brought back, although only a quarter of a century ago many species were rapidly nearing extermination. Ringnecked Pheasants have been successfully added to our game list and the Hungarian Partridge shows every indication of becoming a valuable addition. Bobwhite have increased fourfold. The increase of deer has been remarkable.

"Pennsylvania's refuge system as constituted by law includes two distinct types, although in their establishment they are quite similar. The larger and more important class are termed 'Primary State Game Refuges.' They are considered permanently established and each is cared for by regularly employed Refuge Keepers. The secondary class known as 'Auxiliary State Game Refuges' are temporary in nature and located on lands for which only the hunting rights have been leased. There are 35 primary refuges now established with a total area of 78,925.7 acres; 69 Auxiliary Refuges have been provided for, but only 67 of them have been established to date; the total area of the 67 is 27,302 acres.

"Each of Pennsylvania's game refuges, both the primary and auxiliary, are surrounded by a fairly wide strip of land, either owned by the Commonwealth or under her control, which is open to public hunting and termed Public Hunting Grounds. No refuge will be established unless adjoining public hunting grounds are available. Our Game Refuges are defined by a brushed out road or trail and a single strand of No. 9 galvanized wire surrounding the refuge.

"Our sportsmen are so enthused over State ownership of desirable hunting territory that they voluntarily agreed to an increase of $.75 in their hunting licenses to provide funds for the purchase and maintenance of lands upon which to establish game refuges and to create public hunting grounds."

W. GARD CONKLIN,
Chief, Bureau of Refuge and Lands.

Reports of Presidents of State Divisions I. W. L. A.

"FORESTRY is the outstanding and most important feature of conservation in the State of Wisconsin, and having recognized this, the Izaak Walton League of Wisconsin has used its organization toward a sane and practical reforestation program in the state.

"The League in Wisconsin set about several years ago to provide adequate legislation, which was deemed a necessary foundation to adequately cope with the forestry problem. A campaign was waged over the entire state by Waltonians, with the result that our bill for the creation of a six-man, non-paid conservation commission, with a trained conservationist as director, was passed by a vote of twenty-nine to three in the Senate, and eighty-seven to six in the Assembly. This measure has been hailed as the greatest constructive accomplishment of the 1927 session of our Legislature, and as one of the finest conservation measures in the United States.

"The League in Wisconsin also aided in the framing and passage of our new Forestry Tax Law. The League urged the passage of adequate appropriations for fire suppression and prevention work, with the result that for the first time in the history of the state anything like an adequate appropriation was provided.

WM. J. P. ABERG,
President of Wisconsin Division.

"ILLINOIS was the birthplace of the League, and here was formed the first State Division. In the early spring of 1923 a handful of chapters and a few hundred members formed the Illinois Division. Today we have 230 chapters and 9,100 members.

"A clean stream movement will be inaugurated along every stream in the state. These movements to be organized along the lines of watersheds. All civic bodies will be interested in this movement for the better health and civic betterments of their communities. In this effort to clean up streams we are co-operating with every agency working to the same end. We are not conducting an attack on anyone. We will not be satisfied, however, until there is adequate disposal of all sewage.

"The Izaak Walton League has become a wonderful organization and has attracted to it a multitude of accomplished men and women who are under its banner with all the determination, with all the patriotism that ever inspired an American army in the field."

P. R. BLODGETT, Chicago Heights,
President of the Illinois Division.

"IN face of the great increase in industrial development and population, Pennsylvania is the leading state in the production of wild life, but we realize that we have before us a tremendous task to reforest our waste land and clean up our streams so that we may establish a permanent basis for all of our great resources and may pass along to posterity what rightfully belongs to them.

"Forests are of individual and national concern and justification for the statement that we are living in a fool's paradise is in this one fact: we are nearing the end of our virgin forests and although consumption is four times as rapid as renewal, we are doing nothing about it.

"I cannot criticize too severely the states that allow politics to enter into their forestry work and who appoint men to these important offices who have no training in forestry work whatever. Much of our forestry work has been done in clubs, hotels and private offices.

"One of the big problems the Izaak Walton League has to face in Pennsylvania is the pollution question, a subject that has put more fear into the hearts of politicians than any bill that has come before them. The question of pollution of streams is rapidly becoming one of the foremost issues of the day, not only in Pennsylvania but throughout the United States. The need of pure water for the people is second only to the need of pure air. This question is entitled to first consideration in the thoughts of our citizens. There has been a national awakening to the public health menace of stream pollution and millions of dollars are being spent for sewage disposal plants. Industries must join in cleaning the streams to save themselves.

"The first chapter of the Pennsylvania Division of the Izaak Walton League was organized in May, 1923. In less than three years we have organized eighty-four new chapters with over 6,000 members and through our activities in regard to pollution, we will have over 20,000 members before long."

DR. WM. H. MOORE,
President of the Pennsylvania Division.

"I BRING you the report from the North Star State—the land of 10,000 lakes and 1,000,000 Swedes. We are proud of both.

"The reports from the various states have been in line of competitive merits of their respective divisions. We enter not into that competition.

"Charlie Paddock and Gene Tunney are champions. They do not need to talk about it—so, therefore, we are not telling you about the outdoor merits of Minnesota. *We have them.*

"The report of your Credential Committee, made yesterday morning, showed that Minnesota had the largest number of chapters of any state division and its records at that time pointed out the fact that they were third in number of members. A report made this morning from the Executive Committee shows that Minnesota now leads the Union in both members and number of chapters. *We are satisfied.*

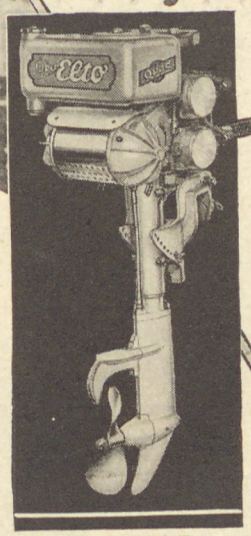
"We pledge four members for each of our 10,000 lakes.

"The sixth wealthiest man in America boasts that in his seventy-four years of life he has never known defeat. He would despoil the Superior National Forest. Public opinion, headed by the Izaak Walton League, is going to give him his first defeat."

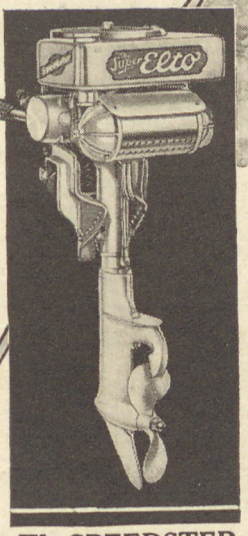
DEAN RUNDLETT of Minneapolis,
President of the Minnesota Division.

(Continued on page 66)

These Two Motors answer every demand for utmost speed on racers—*for* Swiftest runabout service—*for* all-round performance on any fast hull



***The* QUAD**
4 Cylinders
Price, $275.00



***The* SPEEDSTER**
B-Class
Price, $165.00

THE Super Elto Quad—4-cylinders!

Here is a velvety luxury and slashing thrill of performance utterly new in outboard motoring.

Here is—not merely *speed*—but *4-cylinder speed!* Twenty-five smooth, vibrationless miles an hour in big, plump-cushioned runabouts! Thirty-five miles—*and up*—on the faster type of racing hulls!

Here is a motor that is actually vibrationless — that shows no trace of vibration at any speed. *Dependable*—no motor offers a greater degree of steadfast reliability.

Here are a multitude of features found on no other outboard motor. Dual ignition and dual carburetion. Instant starting with a 2-inch snap of the flywheel. Easy, dependable reverse. Such responsiveness and obedient handling ease that even the novice can operate it confidently.

The Quad is compact, *truly portable.* Transferring it from runabout or family boat to racing hull is the work of seconds. Despite 4-cylinders and tremendous power, it weighs but 92 pounds.

THE Super Elto Speedster — greatest of middle weight speed motors!

Here is a new type of *speed-utility* motor—capable, versatile, amazingly fast, enormously sturdy.

A fighting, winning champion on the race course. A rollicking companion on a staunch, swift play boat —

And equally at home on the stern of a speedy cruiser-about — as jaunty and fit at the end of a thousand mile grind as at the beginning.

There is no service too hard for the Speedster. Open throttle, top speed is second nature to it. Stamina to respond to constant, merciless driving is built into every fibre of it.

The Speedster is an ideal shipmate for the eager boy whose greatest thrill is in leading the fleet. It is a boon to the sportsman and fisherman who demand speed without sacrifice of serviceability. It operates perfectly at slowest trolling speed.

Starts with finger-tip ease — a quarter turn flip of the flywheel. Compact, portable, weighs but 62 pounds.

Mail the Coupon for Complete Book on Super Elto Motors!

The Super Elto Quad **The Super Elto Speedster**

ELTO OUTBOARD MOTOR COMPANY, Ole Evinrude, *President*, Mason Street, Department 42, Milwaukee

Gentlemen: Send me the book on Super Elto Motors. ☐ NAME_____

Also send complete directory on boats. ☐ ADDRESS_____

AS special marks of distinction in the great "Do and Grow" program, which it has undertaken, the League is awarding a Silver Founder's Button (the highest award in Waltonism) to those who organize new chapters, and special silver and bronze watch fobs, designed for this occasion, to those who get five or ten new members. On this page of OUTDOOR AMERICA, *our magazine, are printed the names of those who qualify for one or more of these distinguished service badges.*

THE "SILVER BUTTON CIRCLE"

HERE ARE THE ELECT IN WALTONISM. EACH HAS FOUNDED A NEW CHAPTER

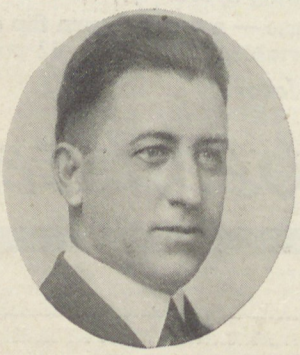
CHARLES KAYSER	Fort Smith, Ark.	THAD C. JOWITT	Augusta, Ga.
DR. C. W. HALL	Greenwood, Ark.	JOHN C. LEWIS	Sparta, Ga.
S. J. MURPHY	Bradenton, Fla.	DR. B. A. LOVELESS	Coeur D'Alene, Idaho.
W. F. NOBLE	Bushnell, Fla.	A. L. BOWEN	Decatur, Ind.
G. C. VOWELL	Ellenton, Fla.	A. W. TRIER	Fort Wayne, Ind.
H. C. GROFF	Palmetto, Fla.	GROVER PAGE	New Albany, Ind.
J. H. TUCKER	Sarasota, Fla.	H. H. EVANS	Newcastle, Ind.
GEO. C. DUNCAN	Venice, Fla.	DR. J. MC DANNELL	Nashua, Iowa.
F. C. STUCK	West Palm Beach, Fla.	FRANK MILLER	Ottawa, Kans.
GARNETT W. SAYRE	Albany, Ga.	J. W. COOKUS	Ottawa, Kans.

ROLL OF THE "MERIT MEN"

Those who have been awarded the Silver Fob for obtaining ten new members, are shown in black type. The others have earned the Bronze Fob by turning in five new members.

WOODRUFF BALL (6)	Omaha, Neb.	E. F. HOWE (5)	Omaha, Neb.	STUART SUMMERS (9)	Omaha, Neb.
DR. RUSSELL BEST (9)	Omaha, Neb.	JOS. B. HUMMEL (8)	Omaha, Neb.	**J. A. SWANSON (23)**	**Omaha, Neb.**
FRANK E. BLIND (7)	Omaha, Neb.	A. F. JENSEN (9)	Omaha, Neb.	N. P. SWANSON (5)	Omaha, Neb.
CLINTON L. BROME (7)	Omaha, Neb.	**ELMER A. JOHNSON (35)**	**Omaha, Neb.**	**CHAS. G. TRIMBLE (10)**	**Omaha, Neb.**
GEO. CHRISTIANSEN (5)	Omaha, Neb.	LOUIS C. JOHNSON (5)	Omaha, Neb.	L. L. TURLEY (8)	Omaha, Neb.
R. S. CHRISTIE (9)	Omaha, Neb.	R. A. JONES (8)	Omaha, Neb.	**PAUL WERNHER (10)**	**Omaha, Neb.**
H. R. CLARK (10)	**Omaha, Neb.**	DR. ANTON KANI (5)	Omaha, Neb.	**DAN O. WHITNEY (13)**	**Omaha, Neb.**
J. A. COLE (10)	**Omaha, Neb.**	**R. A. KIRKPATRICK (62)**	**Omaha, Neb.**	**W. H. WOODIS (10)**	**Shickley, Nebr.**
HARLEY CONANT (10)	**Omaha, Neb.**	**HUGH A. McCAFFREY (13)**	**Omaha, Neb.**	**CHAS. GRATOPP**	**South Omaha, Nebr.**
F. L. DAMERY (5)	Omaha, Neb.	C. B. McDONALD (5)	Omaha, Neb.	L. H. RUFF	Valley, N. C.
T. H. DAWSON (11)	**Omaha, Neb.**	**W. J. MORAN (29)**	**Omaha, Neb.**	**JOHN GIRKIN**	**Wilson, N. H.**
FELIX F. DOLAN (10)	**Omaha, Neb.**	MAX A. MILLER (6)	Omaha, Neb.	**TURNER B. SUGGS**	**N. H.**
HENRY W. DUNN (14)	**Omaha, Neb.**	FRED MONTMORENCY (5)	Omaha, Neb.	ED. J. EAGAN	East Kingston, N. H.
I. J. DUNN (12)	**Omaha, Neb.**	**E. C. MUNSON (10)**	**Omaha, Neb.**	**ARTHUR W. SAWYER**	**Franconia, N. H.**
EDWIN DYGERT (27)	**Omaha, Neb.**	**D. W. MYERS (12)**	**Omaha, Neb.**	**A. W. WOODMAN (27)**	**Plymouth, N. J.**
J. A. EDHOLM (8)	Omaha, Neb.	**FRED PALMTAG (30)**	**Omaha, Neb.**	**DR. A. G. AMES**	**West Collingswood, N. J.**
WILBUR FAWCETT (17)	**Omaha, Neb.**	**F. E. PETERSON (106)**	**Omaha, Neb.**	GEO. M. SHELLENBERGER	East Orange, N. J.
H. B. FLEHARTY (8)	Omaha, Neb.	WARREN POWELL (5)	Omaha, Neb.		**Buffalo, N. Y.**
A. R. FOLL, JR. (10)	**Omaha, Neb.**	WM. L. RANDALL (7)	Omaha, Neb.	**DR. E. V. GRAY**	**Buffalo, N. Y.**
C. E. FORBES (6)	Omaha, Neb.	KENNETH F. REED (5)	Omaha, Neb.	**HENRY W. KEITZEL**	**Buffalo, N. Y.**
CHARLES FRANKE (8)	Omaha, Neb.	**HAROLD C. RING (10)**	**Omaha, Neb.**	**GEO. LEWIS**	**Buffalo, N. Y.**
JOHN D. FRAZEE (11)	**Omaha, Neb.**	HAROLD ROTH (6)	Omaha, Neb.	**HOWARD H. PETERS**	**Buffalo, N. Y.**
IVAN L. GADDIS (19)	**Omaha, Neb.**	**R. W. ROUSH (28)**	**Omaha, Neb.**	**OTTO H. PETERS**	**Buffalo, N. Y.**
DAN GEILUS (11)	**Omaha, Neb.**	**H. B. RUFFNER (14)**	**Omaha, Neb.**	**ANDREW WENK**	**Clyde, N. Y.**
E. A. GLAS (5)	Omaha, Neb.	**PAUL SAMUELSON (12)**	**Omaha, Neb.**	**E. L. INMAN**	**Clyde, N. Y.**
E. Y. GRUPE (10)	**Omaha, Neb.**	**BRYAN SAUNDERS (45)**	**Omaha, Neb.**	**A. A. JANTO**	**Clyde, N. Y.**
A. F. GWIN (37)	**Omaha, Neb.**	**OTTO SELLING (30)**	**Omaha, Neb.**	**L. J. SEELYE**	**Clyde, N. Y.**
H. W. HALE (7)	Omaha, Neb.	**GUY R. SPENCER (16)**	**Omaha, Neb.**	**F. R. WOOD**	**Ilion, N. Y.**
LOUIS H. HARTE (5)	Omaha, Neb.	A. M. STREBERG (5)	Omaha, Neb.	**JOCK JOSLIN**	**Rome, N. Y.**
JERRY HLAVA (9)	Omaha, Neb.	M. P. STONE (6)	Omaha, Neb.	**N. MYLES BROWN**	

Numbers following names show how many new members were obtained.



He Got 106 New Members in Four Weeks

FRANCIS E. PETERSON, Omaha, has undoubtedly broken a record in obtaining 106 new members in four weeks. Mr. Peterson joined the Omaha Chapter of the League just one month ago. Since that time he has personally signed up a total of 106 new members. His performance was part of the magnificent record of the Omaha Chapter of 1,728 new members in the past two months—a total of 2,230. Running neck and neck was John W. Crowe during the expansion campaign staged by the Omaha Chapter in anticipation of the Sixth National Convention of the League. He was nosed out by his rival by six memberships. Mr. Crowe obtaining 100—which would have been a record any place else but in Omaha.

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Outdoors *everywhere*

On porches, in camps, when boating, when fishing, hunting, hiking or golfing—Flit keeps away flies, mosquitoes, ants, gnats, midges and fleas. Deadly to insects, harmless to people. Will not stain.

KEEPS AWAY FLIES—MOSQUITOES—ALL INSECTS

Waltonian Activities

News of Izaak Walton League Chapters

Radio Column

TUNE in, hear your fellow Waltonians on the air, then write to the stations and tell them how you liked it.

KDKA Pittsburgh, Pa., Pittsburgh chapter. May 19, 7:45 P.M., "Bird Life and Our Children," by Mr. George Sutton, Ornithologist.

KFWC Pomona, Cal., schedule undetermined.

KGHF Pueblo, Colo. Every Friday, 7:30 P.M. 209.7 meters. Pueblo chapter. Courtesy KGHF.

KHQ Spokane, Wash. Spokane chapter. Fridays at 9 P.M., Pacific Time. 370.2 meters. Courtesy KHQ.

WABC Brooklyn, N. Y. Brooklyn chapter. Every Wednesday, 9 P.M. Eastern Standard Time. Auspices of J. Miles Flynn. Station through courtesy of Alfred H. Grebe, WABC.

WASH Grand Rapids, Mich. Grand Rapids chapter. Every Saturday, 7 P.M.

WCCO Minneapolis and St. Paul. Minnesota Division. Every Thursday 10 P.M. Central Standard Time. Courtesy WCCO, "The Gold Medal Station." Hanley Falls Chapter, May 17, 10 P. M.

WEBC Duluth, Minn. Duluth chapter. Every Tuesday, 7:45 P.M. Central Standard Time.

WFBG Cable-Tribune, Altoona, Pa. Altoona chapter. Every Thursday 7:30 P.M. 267.7 meters.

WGBB Freeport, L. I. Re-broadcast of WABC programs on different wave length.

WGES Chicago, Ill. Official National Headquarters station. Courtesy WGES.

WIBX Utica, N. Y. Utica chapter. Every Friday, 7 P.M. Eastern Time. Courtesy Arthur F. Ferriss.

WJBZ Chicago Heights, Ill. Chicago Heights chapter. Every Tuesday, 8:30 P.M.

WJJD Chicago. First and third Thursdays of each month, 12:30 P.M. Courtesy of WJJD radio station. Illinois division.

WMBC Detroit, Mich. Greater Detroit Chapter. Every Monday at 8 P.M.

WMBH Joplin, Mo. Joplin chapter. Tuesday and Friday evenings. 204 meters.

WOC Davenport, Iowa. Davenport chapter. Schedule undetermined.

WODA Paterson, N. J. Passaic chapter. Every Friday 7 P.M. Eastern Time. Courtesy WODA.

WSM Nashville, Tenn., schedule undetermined.

WTAD Quincy, Ill. Every Wednesday, 12:35 P.M. to 1 P.M. Courtesy the Gem City Business College.

WTAQ Eau Claire, Wis. Every evening, 7:30 to 8:30.

WTAX Streator, Ill., schedule undetermined.

Milwaukee Chapter Heads League with 2,855 Members

THE Milwaukee, Wis., chapter is the largest in the League—so Milwaukeeans claim, and there is nothing at National Headquarters to refute this claim, although so many large chapters are in a neck-and-neck race that without a ticker service it is hard to tell who is ahead.

The fight between Milwaukee, Chicago, and Omaha has been a hot one. Previous to this winter, no other chapter had ever challenged the leadership of Chicago, "mother" chapter of the League. Then came Milwaukee, then Omaha. Chicago is now in third place, with 2,015 members. Omaha is in second with 2,033—a margin of 18 members at the time of going to press. Milwaukee leads with 2,855.

And here is how the largest chapter did it:

Froedtert on the Job

Under the leadership of Kurtis Froedtert, chairman of the membership committee, a drive was conducted as follows: 40,000 booklets were printed and mailed not only to Milwaukeeans but to sportsmen all over the state. Then an intensive mail campaign was undertaken. 19,000 names gathered taken from the hunting license records helped.

A personal call was made following mail solicitation, when necessary. This was provided for by the dividing of the chapter members into 100 teams of 100 members each. An office was set up downtown, from which they worked.

In addition to the regular solicitation, special big meetings were staged. Dr. Preston Bradley addressed one of these; local speakers helped.

Group Memberships

To Mr. Froedtert goes the credit for establishing group memberships. He sold the big merchants and manufacturers on the idea of taking out memberships for groups of school teachers, the clergy, and others who would not only benefit personally, but were in a position to pass along their knowledge—to spread the philosophy of the League.

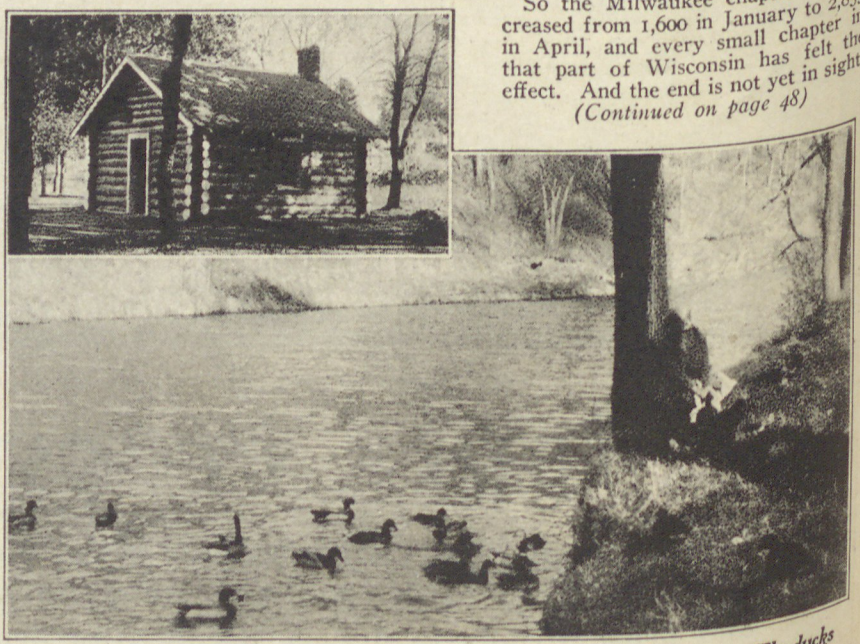
In this way—only sketchily outlined here—the Milwaukee boys raised their membership to nearly three thousand. But even so, Milwaukee soon became too small for their energy. They organized flying squadrons of minute men to visit nearby towns and existing chapters.

Helped Others

Each of these flying squadrons consists of three men, each one of whom is versed on a special phase of Waltonism. The first tells of the practical local application. The second explains the broader national meaning, and the general effects of the outdoors on all of the people, both of the community and the nation. The third analyzes the foregoing, and crystalizes them into terms of immediate action.

So the Milwaukee chapter has increased from 1,600 in January to 2,855 in April, and every small chapter in that part of Wisconsin has felt the effect. And the end is not yet in sight.

(Continued on page 48)



HERE is what the Lanesboro, Minn., chapter does in its spare moments. The ducks and geese are in a refuge maintained by the chapter in the town park, and the log cabin is the meeting place for the chapter and a general, all-round rendezvous for outdoor activities for the sportsmen of Lanesboro.

IKES — ATTENTION

We Will Help You Get New Members

State and Chapter Officers Write for Information "HOW TO USE MONEY MAKING MOVIES"

We Have Prepared a Special Edition, Inspired by Our Experience at Your

1928 CONVENTION

and

OUTDOOR AMERICA'S NATIONAL SPORTSMEN'S SHOW AT OMAHA

5,000 feet of film made at the Convention and Show is now ready for release. Write for full information. Prices $5.00 to $50.00 (100 ft. to 800 ft. 16 mm for home movies).

We also have a rental proposition for chapters. Cameras, projectors and screens may be rented or purchased, cash or time.

"OUR CHAPTER PURCHASE PLAN" WILL INTEREST YOU ALL. SPECIAL PRICES TO THE "FIRST 500 IKES" WHO ANSWER THIS AD. WE WANT YOU TO WRITE US NOW. DON'T WAIT. FILL IN THIS FORM — MAIL IT "RUSH."

Popsy, Bud & Others,
Toledo, Ohio. **Attention: Ralph W. Hiett, Proprietor.**

I want information on the following (checking items of interest to me:)

- ☐ "Our Chapter Purchase Plan"
- ☐ "How to Use Money Making Movies"
- ☐ "Which Motion Picture Camera Shall I Buy?"
- ☐ "Which Motion Picture Projector Shall I Buy?"
- ☐ "About Our Free Film Finishing Service"
- ☐ "About Still Cameras for Nature Pictures"
- ☐ "Our Photo-finishing Department"
- ☐ "Our Picture Making Department"
- ☐ "I want to trade my Still Camera for a Motion Picture Camera and Projector."
- ☐ 1928 Convention & Show Films
- ☐ 35 mm ☐ 16 mm ☐ Purchase ☐ Rental
- ☐ For Personal Use ☐ For Chapter Use
- ☐ I own a (size.....make.....) still camera
- ☐ I own a (size.....make.....) motion picture camera.

NAME.....

ADDRESS.....

CITY.....STATE.....

Distributors:
Still Cameras
Motion Picture Cameras
Motion Picture Projectors
Film Slide Projectors
Stereopticons
Photo Accessories

Popsy, Bud & Others
TOLEDO, OHIO

Service Departments:
Picture Making (Movies & Still)
Photo Finishing (Movies & Still)
Instrument Repairing
Photo Art Advertising
Sales Assistance
Visual Education

The Angler's Notebook

Written at Odd Moments

By O. W. SMITH
Angling Editor OUTDOOR AMERICA

"So this is June!" And what a witching month it is. All Nature awake betimes, eager and lush. I am so enamoured with June that I don't care to go to Heaven.

WHAT an outcry was raised against the short rod when it first came into use, some comparing it to an "umbrella stick," others raising the old, old cry of "unsportsmanlike." Yet in spite of opposition the short rod and multiplying reel made head, even in the very camp of its chief enemies. Today most of us are willing to admit that a short casting rod can be "sportsmanlike," and expert handling thereof calls for as much skill as the flyman exercises in fishing fine and far off. As to comparing the two methods, well, you just can't compare them, they must be contrasted. Casting with the short rod is more like shooting with a rifle than it is like casting a fly. You *shoot* the lure, but you *lay* the fly. It is not for me to say which method I find the more enjoyable, all depending upon the character of the water and my "feelings" at the time. I can get along with the bumptious flymen all right, no matter what they say about the short-rod and multiplying reel, just so long as they leave the word "unsportsmanlike" out; but when they bring in that frazzled term I see red, for it does not apply.

As to the proper length of the casting rod there is some variety of opinion, though I think the great majority of casters would say that for average fishing 5½ feet would be about the correct thing, though there are varieties of angling to which the 6½ footer is better adapted. In my experience, it is somewhat difficult to attain the distance with the longer rod that is possible with the shorter one, and with the latter accuracy is also less difficult of acquirement. As between accuracy and distance, there is no argument as to the greater importance of the former. One might paraphrase a well known bit of Scripture by saying, in all thy getting, get accuracy. As to weight, well, much depends upon the length, of course, and there is no virtue in running to the danger point in lightness at any time. A casting rod must needs be a bit sturdy to stand up under the terrific strain of casting a lure continuously, something some anglers don't seem to realize. Don't find fault with the workmanship of your rod, if you have shaved away the ounces to the point of lightness, when it snaps or sets under severe strain. As to material I hold no brief for any particular wood or metal. Give me the caster with backbone and resilience correctly blended and I will not ask further question as to whether it be split-bamboo, solid wood or steel.

I almost forgot my pledge not to be "practical" in these notes, so I am going to stop the argument right now. If you want my further opinion on this matter, get my "Casting Tackle and Methods." So I am going to pass the reel with but a word. I am laughed at in some quarters because I prefer a level-winder, and the laughter doesn't bother me the least bit, and I'll tell you why. I fish as I please, to please myself. I grin all to myself when the experts come along, nodding wise heads, to point out where I am wrong, all wrong. You see, I like the level-winder because casting great distances is no more the end of my fishing than is catching bass, something some high and mighty critics are apparently utterly unable to understand. I can throw aside my rod and reel any time to follow some golden-voiced feathered songster or gorgeously painted butterfly. The level-winder allows me to look around while retrieving the lure, or even when playing a bass. What matter if a bass unhook himself and escape while I am gazing after some butterfly or bird? There are more bass in the lake undoubtedly, but the butterfly or warbler may not be seen again this year. Oh, shucks, it's not the half of casting to cast.

You needn't tell the tackle-maniacs, but every time I steal awhile away to lake and stream for a bit o' casting, I promise myself that for the nonce I'll tend strictly to the fishing; then out flashes some new butterfly, or down the breeze comes the whispered trill of a new warbler and I forget all about the fishing. I have even let bass get off my hook, all disregarded and unmourned, because some little thing on the shore has attracted my attention. Oh, I know a thing or two about tackle, but I try to keep paraphernalia subservient to my surroundings. Perish "rods and reels and traces" when they shut out God's own sunshine and creatures of the wild!

I was out casting recently, very early in the morning, before the early bird was hunting the unfortunate worm. (My sympathies are all with the worm.) Well, with the first streaks of light, the bronze-backs began to feed all around me; but with the gathering of the bronze-backs to breakfast, a pair of loons also swung down into the lake in a graceful curve. Can you credit it? Probably not. Honestly, I quietly reeled in my lure and stole around with my boat, playing hide-and-go-seek with those crazy loons. "Crazy?" Not on your life, for if there is a smarter, more tricky water-fowl I am unacquainted with it. I honestly believe those birds enjoyed our little game, for they lured me all over the lake, diving just when I thought I could get a picture, coming up a few moments later to laugh at me. Then I tried our old stunt of guessing where they would come up from a long dive, placing my boat so as to surprise them upon emergence. A hundred times, more or less, I tried it, they always out-guessing me; then, all at once, both popped up not five feet from my craft. Their surprise, fright, and thorough chagrin was comical to see. After that it was too late to take a mess of bass for breakfast. What was that? "You made a *mess* of the day." Pardon me, it was *my* day,

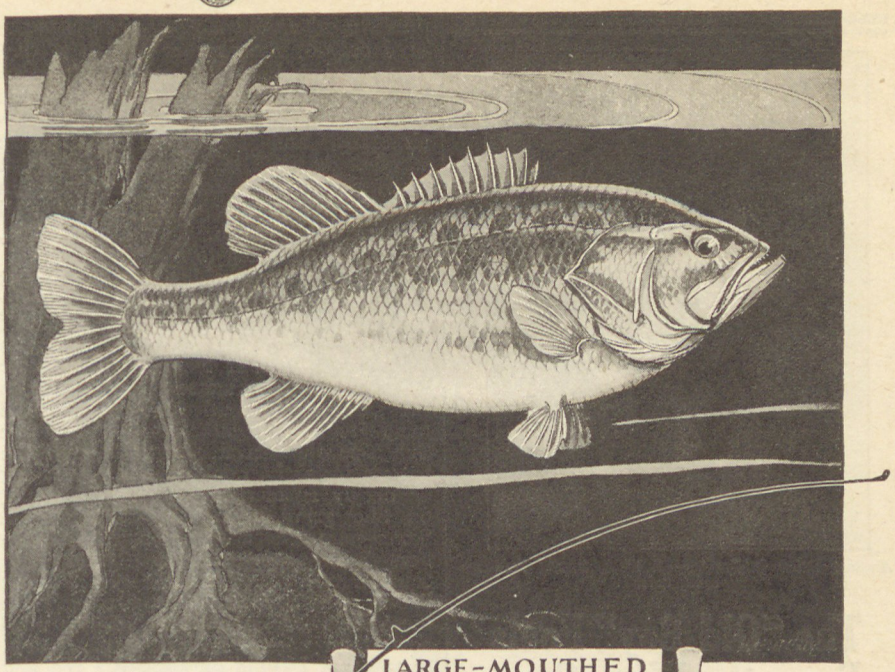
A favorite small-mouth stream.

wasn't it? If I preferred to play fool with the loons it was my right, wasn't it? And anyway, if I don't take fish when I can it leaves more for the fellow who measures success in angling only by the number of bass caught.

That reminds me of another incident over which I have smiled to myself a number of times. I was out on a Wisconsin lake with a fishing friend. ("Fishing friend" is right!) It was one of those mornings when the bronze-backs were crazy for the lures. I got all "het up," unnecessarily, and I was properly ashamed of it afterward. We were running neck and neck in the taking. He one, I one; he one, I one. I am forced to admit it was exciting. All at once I came to myself. I envisioned what it would mean if all anglers who could, did likewise. I got myself by the throat, as it were, and pinched. When I became red in the face, my companion wanted to know what the trouble was. I couldn't tell him, for he was of the ilk that could not understand. Then a bass side-swiped my lure, which was lying motionless out among the lily-pads. Unaccountably he was not hooked, and he came again, knocking the "plug" above the surface. Swearing by all the ichthyic gods at once, my companion threatened me with condign punishment if I didn't hook that fish at once and forthwith. Calmly I told him that I was going to do just as I blamed well pleased and if that bass wanted to be hooked he'd have to hook himself, so there! And he did!

It's a funny thing. Go out fishing in the spirit that you must take fish whether or no, the bass are as coy as a country maid at a Fourth of July celebration; but just don't give a tinker's cuss whether or not you get fish, and the pesky rascals will tumble over one another in order to impale themselves. See how it was in the instance just mentioned. I just couldn't shake that fish. It's like that in life. You chase some desideratum here, there and everywhere, sacrificing time and health in the quest, but it eludes you; yet when you reach the place where you can say of a truth, "I don't give a hang whether or not I achieve my desire," it lies down and rolls over right into your own dooryard. (I wouldn't go fishing with a man who

Sketch by El Comancho.



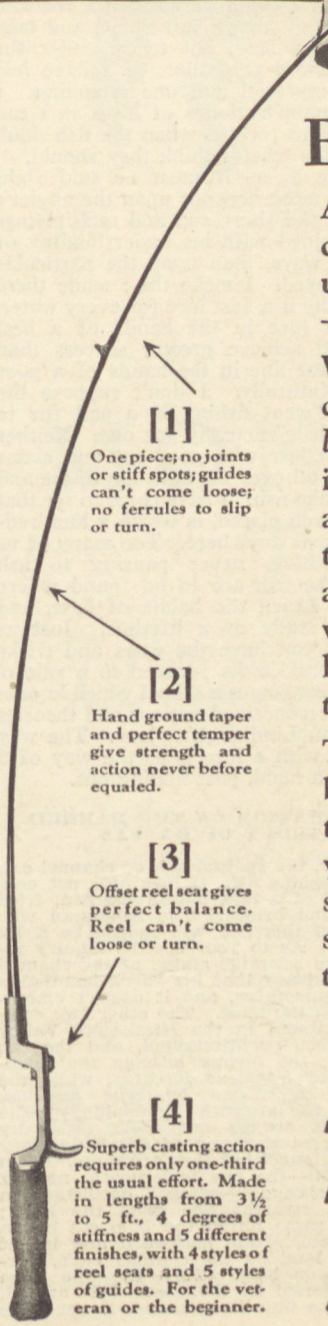
LARGE-MOUTHED BLACK BASS

Bass Fishing Time

A lazy, spreading ripple on a quiet cove—blue sky above, blue water underneath and the soft air of June—that's Bass Fishing Time.

With a True Temper Rod you can drop the bait, *lightly as a faillng leaf,* on the very spot where a bass is waiting. Then, when he strikes, and rushes or bores down, or tries to overrun the line, this rod exerts a gentle yet remorseless pressure which foils every effort to shake the hook and quickly brings him to the net.

The sensitive resiliency, delicate balance and delightful action of this rod supplements and adds to your own skill. Its one piece construction of rapier steel, its clock spring temper and the hand ground taper give the perfect action.



[1] One piece; no joints or stiff spots; guides can't come loose; no ferrules to slip or turn.

[2] Hand ground taper and perfect temper give strength and action never before equaled.

[3] Offset reel seat gives perfect balance. Reel can't come loose or turn.

[4] Superb casting action requires only one-third the usual effort. Made in lengths from 3½ to 5 ft., 4 degrees of stiffness and 5 different finishes, with 4 styles of reel seats and 5 styles of guides. For the veteran or the beginner.

Made and Guaranteed by
THE AMERICAN FORK & HOE CO.
Sporting Goods Division
General Offices: Cleveland, O. *Factory:* Geneva, O.

TRUE TEMPER FISHING RODS

Another Dardevle Devotee—S. W. Swenson, Cumberland, Wis.

The "Old Boy" Fools Even the Wise Ones

NORTHERN PIKE, Black Bass, True Pickerel, Wall-eyes, educated Brook Trout, Muskellunge, every one of the fighters go strong for the Dardevle family. The list of users looks like a regular Who's Who of Angling.

— and Here's the Dardevle That Always Turns the Trick

The fish-getting quality of the Dardevle lures is attributable to the original and unique shape of the spoon. This imparts a peculiar, life-like, struggling action to the lure that must be seen to be appreciated.

Dardevle
"The Old Boy Himself"
3½" long, 1⅛" wide.
1 oz.
Price 95c

Dardevlet
"Son of the Old Boy"
2⅛" long, 1" wide, 3-5 oz.
Price 85c

Dardevle's Imp
"The Little Devle"
2⅛" long, 2-5 oz.
Price 75c

Made in three sizes and ten handsome color combinations, the Dardevle lures afford a size and color effective in almost all water and weather conditions. They are easy to cast, will act as top-water or under-water according as reeled in. See how easy you can place this lure in just the right hole between the lily-pads.

Use the Osprey Silk Casting Line

50 yard lines—furnished in Black or Mottled White and Black colors, 33⅓ yd. spools, Black only. 100 yards connected, at prices per spool:

Test	50-yd. spools	33⅓ yd. spools
12-pound	$1.50	$1.05
15-pound	1.75	1.20
20-pound	2.25	1.35
23-pound	2.50	1.50
26-pound	2.75	1.65
30-pound	3.00	1.80
35-pound	3.50	1.95

At your dealers or direct from us if dealer cannot furnish.
(Send for catalog with color plates)

OSPREY LINES
Guaranteed
Waterproof Silk

Canadian Distributors
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"Outfitters of Sportsmen"
Dept. W, 131-135 Cadillac Square
Detroit, Mich.

"Gateway to Canadian Game Fish and Big Game"

thinks a successful day's angling is measured only by the number of fish taken.) Just because I do not regard tackle as highly important, I have come to possess a rather extensive collection of the paraphernalia, and because I don't care whether or not I take fish, folks say fish smell me out and come to my lures in preference to others. Verily, it is not all of fishing to take fish. By the same token, it's not all of living to live.

I like the lures which float when not drawn through the water, and not simply because I am a lazy sort of cuss, either. I do sometimes get back-lashes, bad tangles on my reel, then if the lure be a floater it is not a serious matter, it will come to the surface and patiently wait for the tangle to be straightened out. Now the Simon-pure underwater lure will go to the bottom instantly, hook onto a sunken log or deeply submerged lily-root and hang on like grim death. Never employ a Simon-pure underwater unless you can witness the loss of a cherished "plug" with equanimity. As to colors, well, I don't know. The makers are producing lures these days that look more like live minnows than minnows themselves. I used to say that I could outfit with a red and white lure of almost any shape and take my meed of bass, but today either the bass are more particular, or I have lost some of my skill and understanding. I want as many varieties of lures as I can carry, just to try out when the fish don't seem to like what I think they should.

Just the same, it must be said right here, that more depends upon the angler's skill with the short rod and multiplying-reel, combined with his understanding of the fish's ways, than upon the particular lure employed. I mean this: while there undoubtedly is a best lure for every water, the worst lure in the hands of a best caster will achieve greater success than will the best line in the hands of a poor caster. Naturally. I don't suppose the boy who "went fishing in a pail for to catch a whale" actually got one. Neither will the fellow who goes out and slams and bangs all over the lake, anywhere and anyhow, take fish. I have come to see that one cast, well placed, is worth a hundred-and-one casts anywhere. Too many of us cast anywhere, never pausing to ask whether the fish are to be found where we cast. Learn the habits of bass, and that is a study of a lifetime. Just as you think you have the ways and tricks of the bronze-backs reduced to a rule o' thumb, along comes a school which knocks all your preconceived notions and theories higher than Lindbergh's plane. The way of a bass with a lure is as the way of a man with a maid, past finding out.

INFORMATION ON THE BARBED TROUT OF KANSAS

Sir: Yes, the spotted cat, or channel cat, is a great game fish. I love him, not only at the end of a line, but in the pan, fried up crisp and brown. The fisherman who turns down this fish will indeed be a bit particular. As to your specific inquiry regarding the scientific status of the channel cat, I would say that his "book-handle" is *Ictalurus punctatus*, and it doesn't embarrass him in the least. The other two common cats found in the Mississippi Valley are the blue, or Mississippi, and the eel, or willow; the former bearing the scientific title of *Ictalurus furcatus*, while the latter is known as *Ictalurus anguilla*. (Nothing to do with Aguinaldo!) The channel cat always has spots, especially near the posterior end of the body, they may be indistinct but they are there. Then the anal fin—the one underneath, nearest the tail or caudal—extends downward in an almost straight line from the body; while the same fin in the blue cat has a broader base, slants backward and is not nearly so long as the channel cat's, perhaps half as long. Then the line from snoot to dorsal in the channel is arched, while in the blue it is almost if not quite straight. The channel does not grow to a greater weight than 25 pounds at the largest, while the majority taken are probably under 10 or 12, though a 15-pounder is not exceedingly rare. So much for description. The channel cat is a lover of purer water than the rest of the family, and shows a preference for rather swift water at that. He is gamey. I have called him "a trout in process of development." It is not unusual for him to take a bass fly. A friend of mine, fishing the upper St. Croix, in Wisconsin, for small-mouth, hooked something that kept him busy for half an hour, understand, he was surface fishing with regular bass flies, and when at last he caught a glimpse of his quarry he was surprised into a fit by discovering it to be "the fightingest cat that ever wore gills." I have played one on a 3½-ounce fly-rod, a fish which probably did not weigh a half dozen pounds, and was thankful when the leader parted and it got away, thankful because my rod was not broken. Many are taken on bass plugs, as is to be expected, though live or dead minnows are their preferred bait. I like to use a live-bait hook with spinner attached, having found in small rivers that the rig is unusually attractive, indeed, I have with it taken "four to one," to the surprise and envy of my companions. I like to expose some chub-meat to the sun until a bit 'igh, then fasten it my live-bait spinner and cast below dams or in eddies where the channel cat hang out. He is a real game fish, all right. By the way, are you acquainted with the bulletin from the Kansas Fish and Game Department, "Barbed Trout of Kansas"? It is worth reading.—O. W.

"FISHY!" "FISHY!" "FISHY!"

"I was at Roseland, Fla., stopping with a Mr. and Mrs. Hammon, and we got to talking about fish coming when called, but I paid little heed to it in my fish-wise way, thinking they were trying to hand me a 'left handed fish pole.' Finally, however, I decided they were not trying to 'kid' me and started to investigate. The hotel is on the bank of the Sebastian river, not over possibly 50 feet from the water-edge, and has a small boat wharf running out into the river. After I had gotten the details, I asked Mrs. Hammon to allow me to see for myself, to which she readily agreed. Getting some bread, as she said she never called them without feeding them, we went onto the wharf. She told me to stand practically still and to say nothing. She asked me to count the fish in sight. I couldn't, there were none, the water as clear as crystal. Then she called, 'Fishy, Fishy,' several times in a low voice. To my surprise I saw first five fish coming in, then more, until there was a large school swimming around just below us. Then and not before, she threw the bread, and there was some scramble—if fish scramble—for it. After they had cleaned it all up Mrs. Hammon told me to say something in a natural tone. I did, the result being that the fish left faster than they came. Again she called, and back they came."—P. E. P.

I am sorry my good correspondent did not give his home address, the letter being written from Alexandria, Minn., the writer being a runner for a certain famous make of fishing tackle. The readers of OUTDOOR AMERICA know I have always said, talk all you want to when fishing, but do not strike the water so as to *jar* the fish. But here comes a good Waltonian who insists, and he seems to prove his case, that fish can hear a voice above the water. We know fish are not blessed with external ears. I would like to have Mrs. Hammon stand concealed on the bank and call, just to discover if the fish can hear an unseen voice. I have sat in a boat and shouted at the top of my voice without disturbing a school of fish down below, but a scrape of a boot-heel on the floor of the boat was sufficient to send the fish scurrying to shelter. So with trout, I have lain on the bank, a school of speckles below me, and they paid no attention to my voice, so long as I did not move or jar the bank. I am neither convinced nor silenced yet, so stubborn am I in my ichthyic faith. What do the readers of the NOTE BOOK think of the proposition?—O. W.

TOO POINTED

Disgruntled Amateur to guide: "You must think I am a perfect fool."

Patient (?) Guide: "Wall, no, nobody is perfect."

SORE TEETH IN PIKE

Sir: There is a quite general belief in the "sore-tooth" theory, though I hae me doots. I have heard from anglers all over the east and middle west, who have apparently taken 'lunge and great pike, popularly, "pickerel," with teeth loose and jaws

inflamed. I have examined a great many heads, and while I have found battered jaws, such as would naturally occur in fish leading the sort of life the pikes do, I have yet to examine a specimen with diseased jaws. You understand, of course, that Nature is a wise dame, when it comes to caring for her children, and the loss of a few teeth is a matter soon taken care of in fish. That along towards dog days "pickerel" acquire "sore mouths," retiring to sulk and nurse the diseased members, is I think, casting a pretty long line. I have written various ichthyologists regarding the matter; the consensus of opinion being that they know nothing of the malady. Until we have better proof I am going to continue agnostic.—O. W.

LEARNING TO CAST

My dear Junior Walton: It certainly is a shame that you can't catch fish where the other lads do, you being a Junior Walton. We will just have to set about rectifying that matter. Under separate cover I am making you a present of my book on how to cast with the short rod and reel. You just follow the directions given in the chapters on tackle and how to use it, and you will conquer your difficulty in getting out line, hitting the spot, etc. You know that a good caster is not produced in a day. You must just keep everlastingly at it, casting and casting and casting. If you can't go to the lake, cast in the back-yard, setting up your old hat for a target. Then, study the water where you fish. Hunt up weed-beds, at this season mostly beneath the surface, and from the open water cast in to them. Do not over-cast or splash too much. Remember how shy fish become, and place your lure where it should be placed, waiting for some considerable time between throws. Fish early in the morning, and again at evening, when long shadows reach out from the bank. Stick to it. You must win out, because you are a Waltonian.—O. W.

FROG FOR GREAT PIKE

Sir: In answer to your recent question, I would say I have found a medium sized frog, used in combination with a trolling spoon, very effective, especially in midsummer. The best and most alluring kicker is the medium sized green, or meadow frog. A large frog will prove too large for effective hooking of the game, unless a trailing hook be added. I have found the method most successful, as said, in midsummer, fishing early in the morning, or again at evening. During a mizzling to rainy day, hot and close, such as come in mid-summer sometimes, you will find the frog-baited troll almost irresistible. Use as much line as you dare, letting the troll spin far in the rear. Move slowly, just fast enough to keep the bait free of obstructions, edging weed-beds, in deep water just outside. Great pike, commonly called pickerel, lurk in the weeds and reeds, watching for minnows, and will dash out at the appearance of a spinner to which has been added an attractive frog. I have experimented quite at length on the same water the same day, and success is about five to one with the frog. It may not be exactly pure trolling, neither is it pure live-bait fishing, but it does do for the hungry great pike when they are as suspicious as they are in dog days.—O. W.

Bob Robin and Fish Worms

By Dr. F. S. Waite

BOB the Robin, is here again,
And speaking of fresh worms, Bob, Old Scout,
Go a bit slow on 'em round about
Our place. Don't gorge yourself and grow too stout
—Divide with me.—I fish for trout.
I hear so many yarns and lies 'bout how many fish
Are caught with flies:
I hold my peace—but bait my tackle
With good old fashioned garden hackle
And catch 'em too, Bob Robin.

In the morning, Bob, when the sun is bright
And you're up in a tree, most out of sight
Warbling away. It's sheer delight to hear your song.
Such a relief from radio dins,
And so called music served in tins
Jest keep it up all summer long

* * * * *

Oh, shucks! If you run short of food supplies
Eat all the worms. I can use flies.

The
MONTAGUE
TRAIL

WHIP the surface of a turbulent stream with a floating gossamer bait...test your wits manoeuvering a lure to out-nature Nature herself... and... A Strike! Oh boy—there's no other fun just like it!

Craftsmanship! That's what has made the trail of Montague Rods extend so far. That is why today more than half the world's supply of split bamboo rods is made by Montague craftsmen.

Insist on Montague Rods—they are featured by the best sport goods stores everywhere. From $6 to $55.

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ROD AND REEL COMPANY
MONTAGUE CITY MASSACHUSETTS

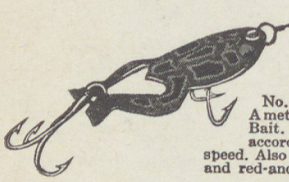
NOW! Fish with Life Like FROGS

Get a new thrill from the old sport. "Big Bass Prefer Frogs," said Dr. Henshall, and Heddon's new line of life-like Frog Baits makes it easy to give 'em just what they want.

Heddon FROG BAITS
CLEAN-CONVENIENT-EFFECTIVE-HUMANE

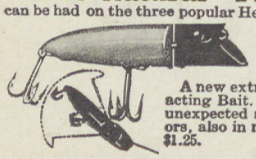
"LUNY FROG"
No. 3509-B, Green Frog; No. 3509-BB, Meadow Frog. Looks and floats just like a live frog with head just out of water. Dives and swims. Price, $1.25.

"LITTLE LUNY FROG"
No. 3409-B, Green Frog; No. 3409-BB, Meadow Frog. A smaller size of the Luny for lighter rods. Has same action. Price, $1.25.

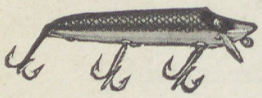


"SPOON-Y FROG"
No. 3209-B, Green Frog. A metal, spoon-shaped Frog Bait. Runs shallow or deep according to the retrieving speed. Also made in gold, nickel, and red-and-white. Price, $1.00.

Also Natural "Frog" Finish
can be had on the three popular Heddon Baits shown below.



ZIG-WAG
A new extremely erratic and lively-acting Bait. Darts here and there in unexpected angles. All standard colors, also in new "Frog" finish. Price, $1.25.

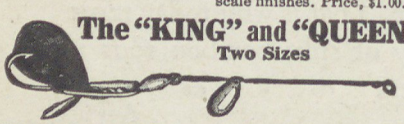


VAMP
The old reliable. Several sizes. Regular, $1, Jointed, $1.25, Baby, $1, Muskie, $2 and $3. All colors —also in "Frog" finish.

WEEDLESS WIDOW

A single hook Surface Bait with plenty of action. Absolutely weedless. Just right for the lily pads. Made in red-and-white, "Frog" and several scale finishes. Price, $1.00.

The "KING" and "QUEEN"
Two Sizes



Triple luring metal Baits, made in gold, copper, nickel, red-and-white and scale finishes. Semi-weedless—semi-rotating—non-twisting. Effective with pork rind. Price, $1.00.

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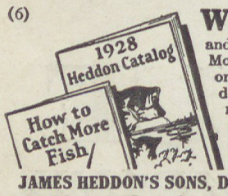

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and Free Booklet, "How to Catch More Fish." Both sent postpaid on request. Catalog shows and describes all the new and old reliable Heddon Lures, Heddon Tempered Split Bamboo Rods, Heddon-Outing Tackle Boxes, etc. Write for it now.

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Genuine Dowagiac
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Scientific Angling

Edited by FREDERICK J. LANE

Outdoor America is the official publication for the National Association of Scientific Angling Clubs. Our readers interested in tournament casting are urged to write in to Frank S. Leach, National Secretary, N. A. S. A. C., care of this magazine

Distance Bait Casting

By WALTER C. NEWCOMB

Holder of ½ Oz. Distance Bait World's Record

Walter Newcomb, the writer of this illuminating article on Distance Bait Casting appeared as a distance bait caster in the National Tournament in 1924 at Buffalo where he is a member of the casting club of that city.

In 1925 he showed great improvement at Chicago, and at the next Chicago Tournament he achieved the reputation that made him famous among casters.

At this 1926 Tournament along with Fred Arbogast, he shattered the one-quarter oz. distance reached by casting an average of 233.8 feet, largest cast 258 feet.

In the one-half oz. distance at the same Tournament he proved himself easily the best of all by setting a new World's Record of 293.2 feet, largest cast 302 feet. He not only did this but revolutionized the style of casting, different from the Ohio school of casters led by Arbogast and which is today followed by most of the experts.

Newcomb has achieved his brilliant success through constant study and practice, patience and skill. He along with Foss and White are to be congratulated for their fine sportsmanship in giving to the casting world the salient points of the game which they have patiently worked out. These articles will prove most enlightening to all casters, distance or otherwise.—EDITOR.

Good Casting

A GOOD distance caster is a patient man. His skill is acquired, not inherited. He is not to the manner born. He is strictly self-made with a limited vocabulary, which varies inversely as his skill, consisting ultimately as he nears the top of two words, "break" and "backlash." He cannot avoid them. They are ever present, a constant menace;—forebodings of impending doom.

A good caster must of necessity be a patient man. Otherwise, he would not be good, and conversely any patient, intelligent man may become a dangerous contender by thoughtful, persistent practice. Practice then with proper equipment is the price of distance records.

What constitutes proper equipment has long been a much mooted question. No two real casters could be found whose ideals are in complete accord in every detail.

The muscular conformation of the caster, his height and strength and preconceived ideas of what is suitable, so greatly varying, account to a large degree for the many different outfits one sees on the distance fields. For the most part, however, the equipment represents the particular, and in many instances peculiar ideas, of the individual, with little or no regard to what is best suited to his needs. He uses what he wants and not what he needs.

In the past there may have been an honest difference of opinion as to the relative merits of short and long rods, soft and stiff rods, straight and offset handles, large and small reels, geared and freespool reels for distance work. We now see the light of a new day. It is quite generally conceded in view of recent experiences that a skilled distance caster with a short, quick, powerful rod and small contracted freespool reel with cork arbor and aluminum spool, under reasonably favorable conditions, has the distance records at his mercy. While records in other tournament events are at a standstill, every year we see some new distance record put on the books, and one begins to wonder if, where and when there is a limit.

The proper equipment to be used for distance work is neither mysterious nor complicated. It is quite simple. The rods may be made by any amateur and the reels easily acquired. A complete outfit for the three distance events consists of two rods, three reels, two lines and leader. We will consider them in the order named:

Rods

TWO distance rods suffice. One for the half ounce and one for the quarter ounce. The half-ounce rod may be also used for the five-eighths ounce event with perfect satisfaction.

The tendency in the past has been to use rods too soft and of too great a length. The proper rod is, of course, made of split bamboo, which has no equal for rod construction. The action of bamboo rods varies with the size, taper, position of the guides and the quality of the bamboo. Some bamboo is harder and tougher than others, therefore more resilient and less vibratory, which is preferable.

The half-ounce rod should not exceed 57 inches in length. This includes handle. We, personally, prefer 55 inches. In fact, our half-ounce rod, inclusive of handle, is exactly 55 inches. This rod is in one piece, without joints, made by ourselves of a fairly good quality of bamboo. The handle is detachable and is of the offset type made of aluminum, nine and one-half inches in length. The use of this handle has added fifteen to twenty feet to our cast.

We use the same handle for all distance events.

The action of the half-ounce rod must not be too stiff. We have in the past greatly over-emphasized stiffness in the butt and softness in the tip. The order should be reversed. The rod must have action from butt to tip, not so much that the rod becomes soft and whippy but enough so that the rod relieves the arm of some of the work. This permits less muscular effort and, consequently, greater steadiness. It is quite impossible to maintain perfect balance and form when great muscular effort is required for the cast.

The size and taper of the rod to a great extent determine the action. The position of the guides is important and inasmuch as the quality of any particular piece of bamboo is always an unknown factor, we will assume that the bamboo is of fair quality; that it is unstained and in its natural color. This will be found to be hard and tough, though not so brittle and liable to break as the artificially stained wood. Such bamboo may be obtained from any of the better manufacturers. With the hexagon edges removed and the rod rounded, then covered with Duco, which by the way makes a most excellent finish, the calibrations taken every two inches from the end of the butt are as follows: .435, .375, .360, .330, .320, .307, .297, .289, .277, .275, .270, .265, .263, .250, .240, .225, .220, .205, .190, .160, .140, .130 and .130.

There was no attempt to preserve an even, consistent taper in the construction of the rod. We were guided entirely by results obtained and not by predetermined calculations, and any rod patterned after the above measurements cannot fail to give excellent results. From these measurements, however, should be substracted .010 to allow for the Duco finish. The action may be controlled to a very appreciable degree by the quantity of the Duco used.

The guides should be of the very finest agate obtainable, three in number, of medium size and graduated smaller toward the tip. The first is placed 5½ inches from the tip; the second, 14 inches, and the third 24 inches from tip in perfect alignment so that the line from the reel to the tip is straight and does not impinge on the sides of the guides.

The rod for the quarter-ounce distance event should not exceed in length sixty-two inches, including the handle. Our rod for this event is exactly sixty inches in length, inclusive of handle. This likewise is in one piece, without joints, plenty long enough and has sufficient power. We made the rod by adding five inches of .375 butt to the half-ounce rod. In all other respects, the diameters are the same. This was a very simple but effective manner of securing what we believe to be a perfect quarter-ounce distance rod. Should we, in an emergency, need a half-ounce rod, we need only cut off five inches from the butt, re-set the ferrule and the job is complete.

The guides in the quarter-ounce rod should be 6 inches, 15 inches and 26 inches respectively from the tip.

Reels

THE distance reel is a fearful thing; fickle, temperamental and faithless and at times highly treacherous. Always with a fear and a trembling akin to deep humility, do we comtemplate a perfect distance reel. No two ever behaved alike and seldom, indeed, does the identical reel perform in the same manner on successive days. It is sad, but therein lies the fascination!

To describe a perfect distance reel is impossible. A perfect piece of distance casting machinery is yet to be built. By

A FEAST OF FINE TACKLE

"Happy days ahead!"

Shakespeare Week

JUNE 4th to 9th

IT'S HIGH TIME you were rounding out your tackle outfit. Here's the season's greatest opportunity to do it—Shakespeare Week, June 4th to 9th. During this entire week sporting goods dealers all over the country are featuring Shakespeare Reels, Rods, Lines and Baits, including many entirely new items at exceptionally low prices.

This is your chance to get that new reel you want—for instance the new Triumph reel, a genuine Shakespeare level-winder at only $3.00; or the famous Shakespeare Marhoff now reduced from $15.00 to $12.00. Your dealer can show you these and many other innovations in reels, rods, lines and baits that will surely interest you. A feast of fine tackle is yours during Shakespeare Week, June 4th to 9th, the "Angler's Opportunity."

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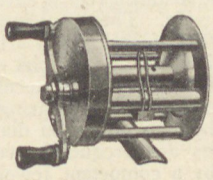
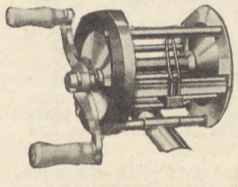


The TRIUMPH *Level-Winding*
Biggest value ever offered in a level-winder. Substantial, serviceable, handsome and built like a watch. Quality workmanship throughout.
$3.00

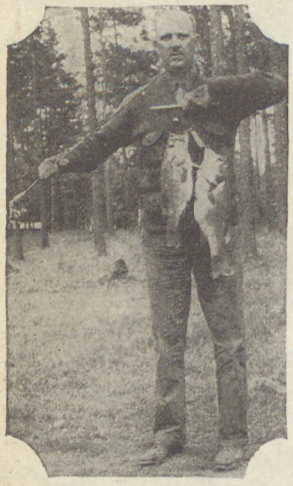


The MARHOFF *Level-Winding*
Used with pride by veteran anglers. Made of fine quality nickel-silver, with distinctive black bakelite head and genuine agate jewelled spool bushings.
$12.00

Fine Fishing Tackle

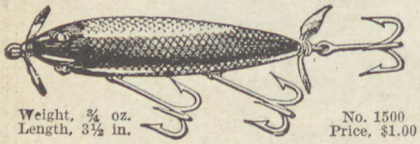
REELS RODS HONOR BUILT Shakespeare HONOR SOLD LINES BAITS

TWO BASS On One Cast!



These 4 and 4½ Lb. Bass were caught on one cast by F. W. Teasdale, Minneapolis, Minn., using the old reliable—Injured Minnow—No. 1505! We wish you could have seen the beautiful string he caught in a few hours afterwards!

The Original Injured Minnow



Weight, ¾ oz.
Length, 3½ in.

No. 1500
Price, $1.00

For the real thrill of fishing—there's nothing made to compare with the original, genuine, natural, life-like and most effective Creek Chub Injured Minnow—No. 1500 series!

Because all the fun and action is right on top of the water—where you can see, hear and feel the strike! With slow, short jerks, it looks exactly like an injured minnow—lying on its side—but with just enough life to kick up a little fuss! And how the Bass go for this easy meal! Insist on getting the original Injured Minnow—and you, too, will "Catch More Fish!" Made in Silver Flash finish No. 1518—and new Luminous day and night finish No. 1521.

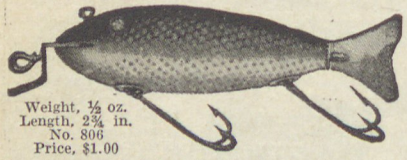
The Famous Pikie Minnow

Weight, ¾ oz.
Length, 4½ in.

No. 700
Price, $1.00

The greatest all around lure made—for salt water or fresh! It represents a natural Pikie Minnow in size, shape, color and natural swimming movements! By all means, don't go to Canada or the northern waters without a supply of Pikies! Get a few with the new Silver Flash Finish No. 718. It's also a killer.

De Luxe Wagtail



Weight, ½ oz.
Length, 2¾ in.
No. 806
Price, $1.00

Here's a real fish getter! Apparently swims with its tail! Looks and swims like a live minnow! By pointing double hooks up, it is practically weedless! A great lure for lakes and streams.

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Manufactured in Canada by ALLCOCK, LAIGHT & WESTWOOD, TORONTO, ONT., for Creek Chub Bait Company

CREEK CHUB BAITS CATCH MORE FISH

the very nature of what is required it will never be built. Absolute perfection demands the elimination of momentum and friction in the spool. To get rid of momentum we must get rid of matter; to get rid of friction we must do away with all contact of metal parts. Reels and spools and pivots and bearings are matter, have weight and contact and are capable of momentum and friction. Hence, momentum and friction are ever with us.

Were it possible to so construct a reel with a spool so light as to be without momentum, the bearings so frictionless, that the applied weight of an atom would start the spool in motion, we would have the perfect reel for either distance or accuracy. Such a reel would never backlash. The spool would never overrun the line; being without momentum the spool could not revolve faster than the line required and the pivots and bearings being frictionless, the only limit to the distance obtained would be the strength of a caster and the resistance of the arm to weight and line. Such a condition happily does not exist for there could be no fun in the game if everyone could make every cast a record.

We are living in a world of reality and we must accept as actual the physical properties and conditions that go to make a reel, and admit that matter, momentum and friction present a problem of compromise and adjustment. The nicety to which we can balance these forces determines our success.

Friction is always present in the pivot and bearings. There is always the tendency on the part of a spool to stop revolving. Momentum on the other hand tends to keep the spool in motion, and, but for friction and gravitation, would continue to revolve forever. Fortunately, in the solution of our problem, we can quite accurately control the momentum by varying the weight in the spool. The weight of the spool is constant, but friction varies greatly and is generally at the bottom of our difficulties in distance casting, difference in the viscosity of oil, presence or lack of oil, temperature and dirt all greatly affect the bearings and the momentum of the spool. If the spool should revolve exactly the same in each case, we would encounter comparatively little grief.

When the spool revolves too freely, it tends to overrun the line, causing backlash. When it does not revolve with usual freedom our distance suffers. When, however, it does revolve just right, then, the Judge says "New record."

Thus, we have a constant struggle to so harmonize momentum and friction that the spool revolves just fast enough to give up line as needed and no faster. As the result of the expenditure of some work, a little money and a great deal of time, we have, to our personal satisfaction, worked out a compromise and did space permit, we would extend our discussion as to the reasons for the various differences in reels.

The quarter ounce distance reel is seven-eighths of an inch wide. The spool is not bored, but made light, of cork wood arbor with aluminum end plates. It weighs exactly 210 grains and is thirteen-sixteenths of an inch in diameter. The left bearing is .100 and the right bearing is .101 in diameter. Both bearings are frequently very carefully polished by a competent jeweler. Only the finest clock oil is used in summer temperature. On cold days, however, we use watch oil. During the tournament, we see to it that there is not an unusual supply of oil on the bearings.

The half ounce distance reel is one inch wide. The spool is not bored out and is made of the same materials as the quarter ounce. It weighs exactly 257 grains, is one inch in diameter. The left bearing is .0866 in diameter; the right bearing is .0875 in diameter. We use same oil and care as in quarter ounce reel.

Walter C. Newcomb.

The five-eighths ounce distance reel is 1⅛ inches wide, made in the same manner and with the same materials as the others. The spool is five-eighths of an inch in diameter. The bearings are the same as those in the quarter ounce reel.

The work required to be performed by these reels is terrific. In making a 300 foot cast, the reel revolves approximately 1,350 times in a period of approximately three seconds. This would be at the rate of 27,000 R. P. M. The initial velocity, however, is much higher, probably close to 40,000 R. P. M., a figure that astonishes the imagination. The marvel is that they stand the abuse as well as they do.

Lines

THE lines used for both the quarter and half ounce distance events are the same. The line is of silk thread and should be exceedingly smooth and fine and as free as possible of fuzz, small loose ends and imperfections. The lines are finer than 000 and run as light as 3,500 yards to an ounce. The spool of the reel should contain only enough line to make the cast. More is a useless weight.

The proper lines for the ⅝ ounce is in hopeless dispute. Many excellent casters use twisted silk, varying in size from B to D. When it is considered that a leader may not be used in this event, it becomes evident that perfect co-ordination must be used in making the cast. Others equally skilled used braided silk lines, some soft braided and some hard braided, or from three to six pound test. Personally, we prefer the four pound test silk, braided line, the same as is used by our friend, Fred Arbogast, who, without doubt, is one of the very greatest, if not the greatest, distance caster in the world today.

In using all lines, we first run them through a patch saturated with a light oil. Ordinary Three-In-One oil is sufficient. This softens the line, lays the fuzz and small ends and tends to prevent the coils from becoming loose on the spool when revolving rapidly, which in turn very materially assists in minimizing back-lashes and getting distances.

LEADERS

THE purpose of a leader is to take the strain off the line until the spool of the reel reaches its maximum speed. We use a tapered leader about 15 feet long, consisting of 8 feet of 8 pound test soft braided, silk line and 7 feet of 3 pound test, soft braided, silk line. This is used in the half ounce. For the quarter ounce the 8 pound test line may be reduced to a 7 pound test line. The two pieces are fastened with a simple leader knot. The larger end is fastened to the weight direct and the smaller end to the line. The purpose of the taper is to reduce resistance and the size of the knot, which connects the leader to the line. A large knot going through the guides at a high rate of speed tends to whip around the guides and break, whereas a small knot will slide safely through.

THE CAST

THE manner of making the cast or delivery is worthy of more consideration than most casters appreciate. Perfect equipment is of little avail if the caster does not know how to use it properly. It takes power to get distance. Generally speaking, the greater the power the poorer the control, and lack of control is the beginning of breaks and back-lashes. The problem then is to obtain a delivery that will permit the greatest possible power compatible with perfect control. If it is necessary to sacrifice power or control, by all events, save the control. The loss of a few feet is better than a break in any tournament.

We use a delivery somewhat similar to that used by a shot putter. With the left arm extending straight out, a little above the horizontal, we take a position five feet back of the line with the left foot extended. The weight is dangling about 18 inches from the tip of the rod. We make several false swings until we are co-ordinating perfectly and the weight is pulling on the tip of the rod, when we bring the right foot forward on the forward swing and begin to move the left foot forward on the next backward swing, and then on the forward swing we loose the weight at the time or shortly after the left foot touches the ground. We do not follow through by taking another step with the right foot. This would necessitate moving while the weight is in the air; a highly dangerous thing to do.

The cast should not be hurried but made deliberately and carefully and on the forward swing prior to launching of the weight, the power should be applied increasingly as the rod moves forward.

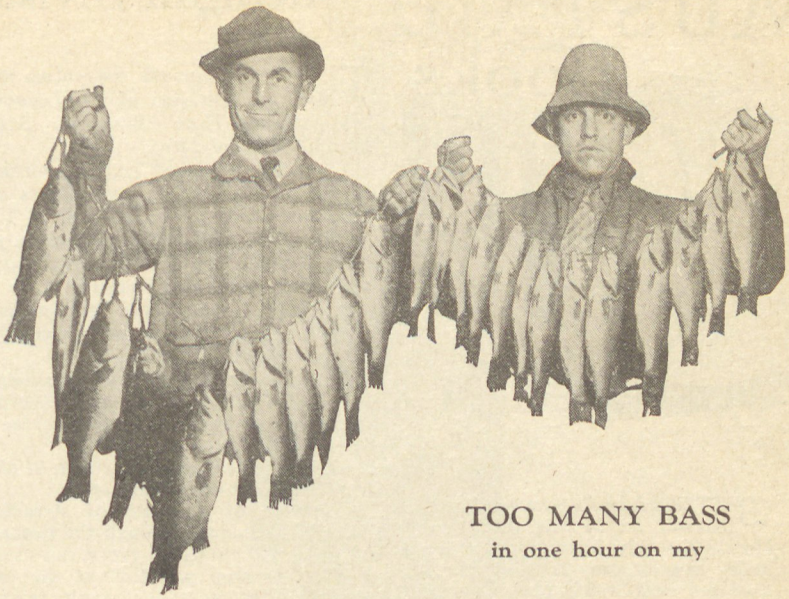
This method of casting with a little practice gives a slow, smooth, powerful delivery, which at all times is under perfect control. Into the swing goes not only the strength of the arm but the strength of the large muscles of the shoulder, waist and chest, the full power of which is not fully appreciated by a casual observer but is reflected by the steel tape.

NEXT ANNUAL BAIT AND FLY CASTING TOURNAMENT

THE dates for the Annual National Tournament of the National Association of Scientific Angling Clubs will be held at Columbus, Ohio, on

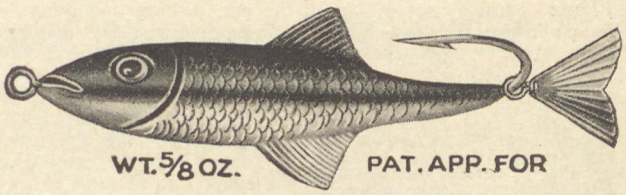
Thursday—August 30th.
Friday—August 31st.
Saturday—September 1st.
Sunday—September 2nd.
Monday—September 3rd.

These dates have been accepted by the officers of the Association. Further details of the Tournament will be published in the July and August issues of OUTDOOR AMERICA.



TOO MANY BASS
in one hour on my

TIN LIZ



Sensational metal minnow, exact size—Price $1.00

"Me and Hank Werner got them 24 Bass in less'n 1 hr. at Pine Lake, O., and we got witnesses! In hard-fished waters like this, Bass get wise to clumsy, old-fashioned plugs, but jes' try my Tin Liz!"

F. L. B. Flood writes from Florida:

"March 14th I went fishing with two other fishermen in the same boat and I took the rear seat, and caught nine fine bass with your Tin Liz while they were catching one on wood plugs. My biggest bass weighed nine pounds."

READ what Walter Isaacs of Minneapolis writes:

"Last season my dealer (Bud's Sport Shop) very quickly sold out their supply of these wonderful baits. I then went among my fisherman friends and paid them a premium for the ones they had bought!

"Your claim that this bait is a great killer is perfectly correct! I have caught Wall-eyed Pike, Northern Pike, Rock Bass, and Black Bass on the Tin Liz and the beautiful part of it is that it casts easily and is not affected by the wind as much as most wooden baits.

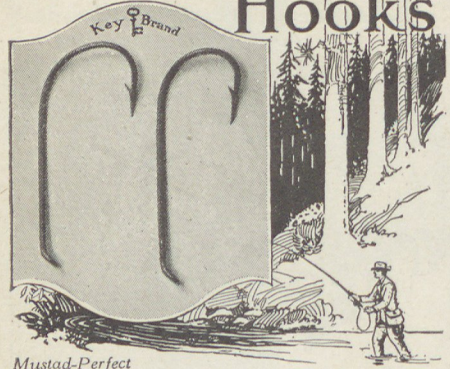
"I am anxious to have a supply of Tin Lizes before the Season opens. If my dealer cannot keep them on hand, will you please supply me direct? I will need at least a half dozen."

FRED ARBOGAST

(World's Champion Bait Caster)

Barwell St. AKRON, O.

MUSTAD Hooks



Mustad-Perfect Viking Hooks, Size No. 1

Made in Norway Used the World over

BETTER fish hooks have been made in Norway for so long that Mustad Hooks—the only Norwegian fish hooks made—have for many years been the best liked and most widely used throughout the entire world.

Norway's wonderful fishing, both inland, and at sea, and Norwegian craftsmanship, long ago developed in Mustad Hooks the very best in shape, temper and finish. Every standard pattern, variety and size.

The newest Mustad success—the Mustad-Perfect Viking Hook—is made especially for America. Of such remarkable forged steel, with such perfection of bend, point and temper, as to meet every possible need.

Mustad Hooks are used by leading American makers of fine tackle—in flies, snelled, ringed, and on all baits. Ask your dealer for them. Write our New York office, Dept. 52, for selection of sample Mustad Hooks—FREE.

"Right in shape, temper and finish"

O. MUSTAD & SON, Oslo, Norway

New York Office, 258 Broadway

Ask Hi Hildebrandt

down at 865 High St., in Logansport, Indiana, to send you his new Hildebrandt Hints. It's the best book he's ever issued on Spinners and how to hook and land all kinds of fish. You'll enjoy every page—lots of pictures—not a dry line in it. Send for your copy right now.

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Fisherman and Inventor of

Famous Wilson Trolling Spoons and Spinners

SUPERIOR TARPON LURE

WON BY MERIT

High class tackle for all game fish. New Catalog sent upon request.

Manufactured exclusively by

AL WILSON CO.

1539 Folsom St., San Francisco

Michigan Division Holds Convention

THE fourth annual convention of the Michigan Division of the League was held at the Hotel Bancroft, Saginaw, March 23rd and 24th.

The session opened on the morning of March 23 with the annual address of the division president. In his address Mr. H. A. Savage—who was subsequently re-elected to succeed himself as president, advocated the following measures:

A general rod license law, instead of the present law that requires a rod license only of certain fishermen.

Purchase by the state of adequate deer yards, the revenue to come from an increase in the deer hunting license fee from $2.50 to $5.

Requirement that all fishermen or hunters wear emblems of identification.

Cessation of pollution of streams and lakes in Michigan, through the department of conservation using every means at its disposal to stop pollution at the earliest possible date, consistent with reasonable business judgment.

Prohibition of the setting of gill nets or seines adjacent to spawning beds of fish during spawning season.

Closing of fish seasons until after spawning seasons; establishment of certain lakes for pike fishing and others for bass, blue gills and perch; segregation of pike from bass, blue gill and perch lakes inasfar as possible.

Establishment of larger rearing ponds, and retention of fish fry for a longer period than is now the practice.

Holding of the annual convention of the chapter in October, in order to formulate legislative program in advance of meetings of the state legislature.

Increase of membership by a concerted effort on the part of all members; reduction of yearly dues of members to 50 cents.

Employment of a manager to handle detailed work of the division, because the duties of the president have become too numerous for one man to handle alone.

President Savage discussed each of his recommendations at length in his report, setting forth his reasons for making them. Principally, the report stressed the opinion that conservation of Michigan's outdoor life and resources is not merely the sportsman's business, but that of every business man and citizen as well.

"In bygone days," said Mr. Savage, "the matter of protecting Michigan's outdoors, its wild life, birds, waterfowl and fish was considered a matter about which the so-called sportsman should do the worrying, meantime the business and professional men of our State were holding post-mortems over the remains of our once beautiful forests, they were sitting around their desks or the banquet board lamenting the fact that Michigan was so overburdened with millions of acres of waste land.

"While they were holding post-mortems other fellows were building automobiles, the automobile owners were demanding good roads; with the advent of automobiles and good roads came tourists in ever increasing numbers, reaching the staggering number of approximately five and a half million during the year 1927. While in our State those tourists, through various channels of trade expended upwards of three hundred million dollars.

"Those tourists came to Michigan to enjoy the pleasure of roaming over our vast acres of unsettled lands, inset with thousands of Lakes, and traversed by hundreds of miles of Rivers, also to enjoy the pleasure of hunting and fishing. They came for rest and recreation, to see and hear nature's denizens of the wild.

"From the standpoint of producing trade income our big open spaces stand second only to the manufacturing interest of the State. It is clearly evident that the conserving of Michigan's out-of-doors resources is the business man's business, quite as much as it is the business of the so-called sportsman.

"Real conservation of our forests, birds, animals, waterfowl and fish is dependent about one percent on laws and ninety-nine percent on the desire of the public to enforce and sustain the regulations prescribed by law.

"In numbers there is strength. Our goal should be fifty thousand members in the Michigan Division; it can be if we can secure the necessary capital to properly organize the Division. The business of securing a large volume of members in the Izaak Walton League for the purpose of protecting and preserving Michigan's out-of-doors resources, is not particularly different than the organizing and running of any other business.

"Any business in order to be successful must have necessary working capital. Since the Michigan Division was organized the President has on account of lack of working capital, been compelled to act as President, secretary, organizer and office boy, and has been expected to function in all these various capacities without compensation.

"We should have some person to act in the capacity of manager, one who would devote sufficient time to the affairs of the League to keep the membership increasing.

"We should have a presentable Division Headquarters, with sufficient clerical help to conduct the affairs of the Division in an up-to-date business-like manner. If the membership in our Division could be increased to thirty thousand members, the income based on fifty cents per member would make it possible to have such a Division Organization, and such a Division Organization could accomplish much for Conservation in Michigan.

"There are thousands of men in Michigan who from a purely business standpoint could well afford to contribute a small amount each year to the support of the Izaak Walton League and the things it is trying to accomplish. I am convinced that if a proper plan is developed the amount of funds necessary to finance the activities of the League can be secured."

P. S. Lovejoy, of the State Conservation Department, delivered an address on public game refuges and shooting grounds; Homer Murphy, in charge of stream pollution correction for the state conservation department, told of the efforts of the department along this line. In the evening Dr. Henry Baldwin Ward, dean of the department of zoology of the University of Illinois and a member of the executive committee of the Izaak Walton League of America, delivered a broadside against stream pollution in a masterly address following the annual banquet.

Ivar Hennings, South Bend, Indiana, also spoke at the banquet.

The convention resumed the next day, March 24. Various chapters reported on their activities during the past year, while Fred Doellner, national executive secretary, told of the activities of the national Izaak Walton League.

The report of the resolutions committee

was next in order. Resolutions offered and adopted included those endorsing and supporting the International Recreation area on the Minnesota-Ontario boundary as proposed by the national organization, opposing the establishment of public highways across any game refuge or forest reserve, advocating the adoption of uniform laws pertaining to fishing in the Great Lakes, advising that the Michigan division apply for membership in Great Michigan, Inc., favoring the adoption of the $1 rod license to cover all species of fish, commending the Michigan department of conservation.

Recommendations to the department of conservation included the fixing of new zones for the opening of the seasons on all species of bass, an increase in penalty for unlawful use of nets, and that the department be empowered to O. K. all drainage projects.

Resolutions were adopted calling for an increase of the deer hunting license from $2.50 to $5, and recommended the participation of the Michigan division in a Tri-State conservation council, to include Indiana and Ohio.

All of the recommendations in President Savage's report were adopted, including the one which recommended a full time executive secretary, and that the dues of the members be raised to include a fee of $1 to the division.

Officers elected were:

H. A. Savage, President.....Saginaw
Dr. Wm. Kerr, 1st Vice-President.Bay City
John Doelle, 2nd Vice-President...Lansing
R. J. Gillespie, Secretary.....Flint
C. L. Cowles, Treasurer.....Saginaw

DIRECTORS

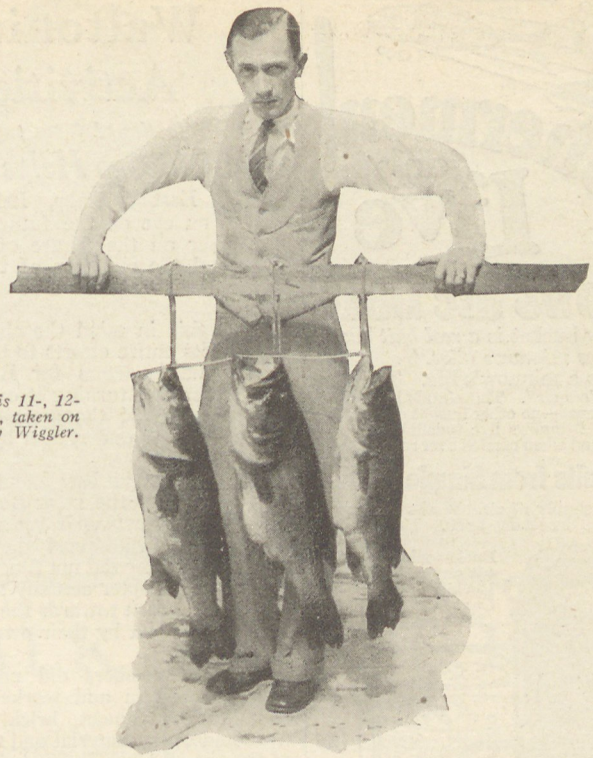
A. A. Alderton.....Saginaw
O. A. Mitchell.....Flint
Roy Osmund .....Midland
Claude A. Jones.....Coldwater
Judge Geo. Winkler.....Battle Creek
K. B. Mathews.....Ludington
H. A. Pierce.....Kalamazoo
Harvey A. Swanebeck.....Fenton
Judge Harry Jewell.....Grand Rapids
Harry Widdicombe.....Grand Rapids
A. Bird Glaspie.....Oxford
Harry W. Jackson.....Muskegon
L. C. MacGregor.....Bay City
L. E. Swan.....Saginaw
Dr. G. Defere Miller.....Cadillac
Frank Shipp .....Gaylord
Dr. A. R. Miller.....Harrisville
L. J. VanSchoick.....Belleville
Lou Eppinger .....Detroit
Richard Dawson .....Detroit
Dr. H. C. Benson.....Lansing
Geo. C. McKay.....Battle Creek
Frank Heginbottom .....Saginaw

Spring Fever

By Lucien Beckner

DOWN through the hills where the bass stream flows,
Where the dogwood blooms and the wild mint grows,
And the ferns and the plums and the sweet-briar rose;
And the spring sun beams, and the south wind blows—
There would I be.

WHERE the fish will leap to my feathered hook
With an echoing splash in the shady nook
As he strikes the stream, and the waters look
In the morning sun like a jewelled brook—
There would I be.



Mr. Snead and his 11-, 12- and 9-pound bass, taken on the Foss Shimmy Wiggler.

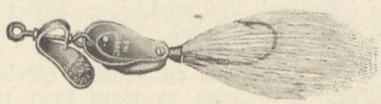
"—your Shimmy Wiggler leads them all!"

ENCLOSED is a photo of myself with three big mouth bass, weighing eleven, twelve and nine pounds.

"They were caught in Saw Grass Lake, Brevard County, Florida, February 15, 1928. Each was taken casting the ever reliable Al Foss Shimmy Wiggler with Pork Rind attached. The total catch that day was seven fish averaging ten pounds each!

"I claim no record for this catch—except that your Shimmy Wiggler leads them all!"

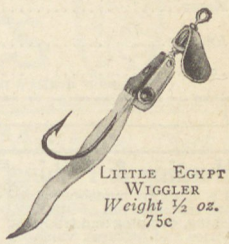
L. W. SNEAD,
Lakeland, Fla.



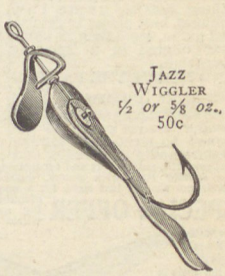
This is the Shimmy Wiggler that "brought home the bacon" for Mr. Snead. Made in ½ and 5/8 oz. $1.00.

Don't fly in the face of providence by getting away on your trip this season without a supply of these Al Foss Pork Rind Minnows. The Frog Wiggler, the old reliable Shimmy that Mr. Snead swears by, the Oriental Wiggler, the Jazz and the Little Egypt—fish-getters, every one of them! At your dealers, or direct on receipt of price if your dealer hasn't them.

FOSS FROG WIGGLER
$1.00
No. 12—½ oz., 1/0 hook.
No. 11—¾ oz., 3/0 hook.
Larger hooks if ordered.



LITTLE EGYPT WIGGLER
Weight ½ oz.
75c



JAZZ WIGGLER
½ or ⅝ oz.
50c

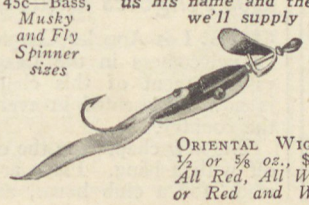
AL FOSS

Originator, Patentee and Manufacturer of the Pork Rind Minnow

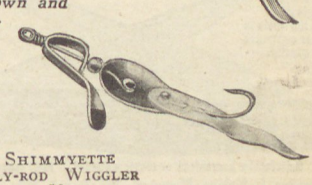
9508 Quincy Avenue **Cleveland, Ohio**

If your dealer cannot supply you, send us his name and the price shown and we'll supply you direct.

45c—Bass, *Musky and Fly Spinner sizes*



ORIENTAL WIGGLER
½ or ⅝ oz., $1.00.
All Red, All White, or Red and White



SHIMMYETTE FLY-ROD WIGGLER
50c

Fishermen! only Live minnows are bait

Air-Fed minnow bucket is *a real bait bucket* because it *"keeps minnows alive."* "Air" is vital to a minnow's life. The Air-Fed bucket "feeds 'em air". This simple little trick makes all the difference—no other bucket can supply air automatically. Minnows live indefinitely, even in hottest weather and when carried over rough roads.

Amazing Results from Simple Device

Constant bubbling supply of air. Works automatically. Just pump up once a day or so.

Bucket only $3.50 (West of Rockies and Canada $4.00). Pump 35c extra

Air-Fed Fish Tanks —for bait dealers

Also for transporting fish. Ideal for hatcheries, clubs, and bait dealers. Same principle as Air-Fed minnow bucket. Large capacity. Write for description, prices.

Air-Fed

MFG. & STAMPING CO.

QUINCY, ILLINOIS

(On the Mississippi River)

At your dealer or MAIL THIS COUPON

Air-Fed Mfg. & Stamping Co.,
419 S. 7th St., Dept. OA 6, Quincy, Ill.

Send me one Air-Fed Minnow Bucket for $3.50 C. O. D. (West of Rockies and Canada $4.00). (Postpaid if remittance accompanies order), and pump for 35c.

Name.....

Address.....

.....

(Write your dealer's name in margin.)

Hunting & Fishing is a 52-page monthly magazine crammed full of hunting, fishing, camping and trapping stories and pictures, valuable information about guns, rifles, fishing tackle, game law changes, best places to get fish and game, etc. Biggest value ever offered in a sporting magazine.

AND HERE'S THE FAMOUS **Remington Sportsman's Knife** with stag handle and two long, slender blades especially designed to meet the exacting requirements of skinning and cleaning fish, game birds and fur-bearing animals. Blades are of superior quality steel with strong, durable, keen-cutting edges. The points are shaped just right for a good, clean job of slitting and skinning. We will send you Hunting and Fishing Magazine for a whole year. 12 big issues and this Remington Sportsman's Knife.

SPECIAL OFFER

The name "Remington" on the blade is your guarantee of quality.

BOTH FOR $1

Satisfaction guaranteed or money refunded. Mail your order today to Hunting & Fishing Magazine, 298 Transit Bldg., Boston, Mass.

Waltonian Activities

(Continued from page 36)

East Chicago Helps Scouts

THE East Chicago, Indiana, chapter has an eye on the future. It realizes that after all the future of the fish and game and the outdoors of this country is in the hands of those who are now growing up.

With this in mind the chapter recently devoted its entire efforts to building a permanent headquarters for Boy Scouts of their cities and turning it over to them.

It was one of the most comprehensive single projects undertaken by any Walton chapter.

The site for the Boy Scout headquarters was donated by the Park Board and when plans were drawn up for the cabin it was found that it would cost $3,000. The East Chicago Chapter did not flinch. The members of the chapter actually subscribed and paid $700 in cash towards the project. The balance they got by their own efforts from the public.

But the members did not stop there. They pitched in and worked. They got donations of cement, brick, stone, hardware and other material and they did much of the actual labor themselves. The result was that when the cabin was completed it represented a value of $12,000. Originally intended as a summer cabin only, it wound up by being a year-round home heated for winter and thoroughly modern in every respect. The building of this cabin for the Boy Scouts constituted the principal work of the year for the East Chicago Chapter. They threw their entire effort in this direction and it was a success. Now, according to Mr. C. R. Ricz, secretary of the chapter, a membership expansion campaign is to be undertaken at once.

* * *

Save Starving Pheasants

THE Buffalo, New York, Chapter of the League has been very active in introducing pheasants to the covers in the vicinity of that city. Therefore it was only natural that when the pheasants began to starve late this past winter it was the Izaak Walton League chapter that set out to save them.

The chapter did it.

Fourteen automobiles carried grain for distribution at more than two hundred feeding places. More than fifteen hundred pounds of grain was distributed. Many birds were found too weak to fly and were nursed back to health. It was estimated that at one stop made by the automobile caravan two hundred pheasants were fed.

The chapter is continuing its propagation activity. Five hundred live pheasants and three thousand eggs had been requested from the state. Having demonstrated that they can take care of the birds in time of need, the members of the chapters are sure that their request will be granted. Andrew Wenk is chairman of the Propagation Committee.

* * *

Los Angeles Chapter Active

THE Los Angeles Chapter is one of the newcomers in the League. With the establishment of this chapter Waltonism is now represented in every large city in the country.

The new chapter on the coast has started off with a bang. Plans are already being made for a club house, and a rifle team

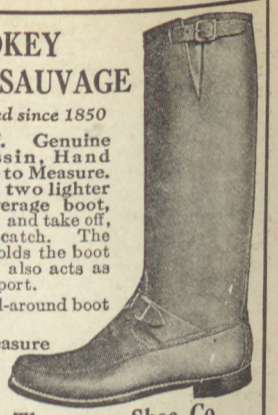
GOKEY BOTTE SAUVAGE

Manufactured since 1850

Water-Proof. Genuine Pac Mocassin, Hand Sewed Made to Measure. A pound or two lighter than the average boot, easy to put on and take off, no hooks to catch. The ankle strap holds the boot in place, and also acts as an ankle support.

"The best all-around boot in the world."

Write for measure blank and Catalog.



Freeman-Thompson Shoe Co.
Dept. 14 ST. PAUL, MINN.

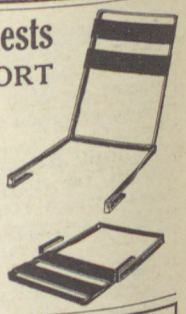
Foldflat Back Rests

FISH IN COMFORT *with a*

BOAT SEAT BACK REST

$1.00 postpaid in U. S. A.

Kokomo Specialty Company
Kokomo, Indiana



COLONEL LINDBERGH'S

40,000 MILE FLIGHT INCLUDING HIS MEMORABLE NON-STOP FLIGHT TO PARIS HAS RECENTLY BEEN MADE INTO A 3 REEL MOTION PICTURE. AFTER MAY 15TH LEAGUE CHAPTERS THROUGHOUT THE ENTIRE COUNTRY CAN RELEASE THIS GREAT ATTRACTION THROUGH THE CHAPTER SERVICE BUREAU AT NATIONAL HEADQUARTERS AT AN ASTONISHINGLY LOW RENTAL. THIS PICTURE WILL ATTRACT EVERY MAN, WOMAN AND CHILD IN YOUR COMMUNITY. HERE'S THE GREATEST CHANCE YOU'LL EVER HAVE TO GET OUT THE CROWDS. MAKE RESERVATIONS NOW AS AFTER MAY 15TH THERE WILL BE A REGULAR STAMPEDE FOR THIS ATTRACTION.

Fill out the slip below.

.....

Name .....

Address .....

Town .....*State*.....

The .....*Chapter*.....

definitely want the Lindbergh picture on

.....

or .....

Send particulars—

Waltonian Activities

and trapshooting team is in the making. The chapter is backing the Bear River Marsh Bill and is now planning a campaign in behalf of refuges for wildfowl in California. Planting Chinese pheasants and Hungarian partridge are also on the program for this year.

* * *

Fight!

THERE is a scrap on in the West. Challenges have been hurled back and forth. Both sides had made formal announcements of victory before the contest has even begun.

The principals in this scrap are the Denver and Pueblo, Colorado, Chapters of the League. Each has challenged the other to a membership-gathering contest which shall close June 1st.

The contest has now been running for two months and when the final returns are in one of these chapters will be treated to a dinner at the expense of the other. The Pueblo chapter, through its secretary, H. A. Rupe, in challenging said, "We are issuing this challenge on an even basis notwithstanding that Denver's population is four times greater than that of Pueblo." The Denver chapter through S. E. Wheeler, secretary, was unruffled. It replied laconically, "Good luck!"

* * *

Skyrocket!

"THE Johnstown Chapter," says Ward B. Edwards, president of the New York State Division, "is entitled to a place on the honor roll of the chapters of the empire state."

Mr. Edwards is right. It is entitled to a place on the honor roll of the chapters of the United States. The charter for this chapter was dated January 20, 1928. On March 3rd the membership was 197. On the first of May the membership was 250 and still growing.

The school children of Johnstown are in the midst of an essay contest, sponsored by the chapter, and during its short existence the chapter has already furnished three outdoor lectures to the school children of Johnstown.

The chapter is vigorously supporting the Anti-Pollution Bill in New York and is planning the establishment of rearing ponds for trout and for game refuges in co-operation with adjoining chapters.

(Continued on next page)

Oklahoma Division
Annual Convention
Sulphur, Okla.; May 21-22

South Dakota Division
Annual Convention
Milbank, S. Dak.; June 12-13

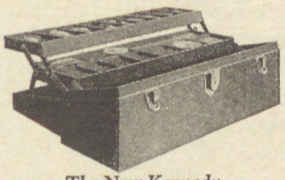
State convention dates and places will always be listed here for three times previous to the convention. Send in your dope on your next convention for listing.
—*Editor*

"Hook, line and sinker" Every true fisherman knows they are safe in a Kennedy Kit

TALK ABOUT FISH
—remember this?

PFUT!—the line tightens—Shoosh! He's down again. Now he's sawin' the line on a sharp rock. Not a chance, beauty—that line's been in my Kennedy Kit—it's right.

Kennedy Kits keep your tackle right. Waterproof and rust-resisting. Electrically spot welded, double seamed, finished in Kennedy Brown baked enamel. Nine styles.



The New Kennedy Kantilever Kit

Carries your bait, sinkers, rods, reels and line. Can't spill.

Kennedy Kantilever Kits Lift the lid and see how the trays swing out of the box. Yet it's the most compact tackle box you have ever seen. Everything accessible. Top tray divided for plugs.

All good hardware and sporting goods houses have Kennedy Kits reasonably priced.

KENNEDY MANUFACTURING COMPANY
208 Harrison Street, Van Wert, Ohio

Kennedy Kits

Even For Bank Fishing

A rustless, free-running reel is necessary to land the big ones. Keep *all* your tackle right, with

3-in-One Oil

Guns and pistols need it, too. The Sportmen's oil for 33 years. Sold everywhere.

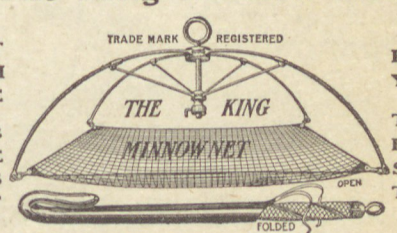
FREE: Sample and illustrated circulars.

THREE-IN-ONE OIL CO.
130LE. William St., New York

L55

The King Minnow Net

THE BEST BY TEST



Made for 25 years, and going stronger every year. Only highest grade material used in its construction.

Sold on unconditional guarantee for one year. Broken or damaged nets should be sent direct to maker for repairs or replacement without cost.

Made in three sizes: 4x4 ft. $3.25, 3x3 ft. $2.75; and 2x2 ft. $2.25.

Ask your dealer for the King Net.

MADE BY
The W. H. REISNER MANUFACTURING CO.
HAGERSTOWN, MD., U. S. A.

41-inch northern pike lunged and pulled

Mansfield Line held whopper

"Last June while fishing at Hubbard Lake Mich., I used Mansfield's Dragon 28 lb. test line for the first time. To say it gave satisfaction is to put it mildly.

"Besides landing several northern pike weighing three to seven pounds, I caught one 41 inches long weighing 14 1-4 lbs. His lunging and pulling tried the strength of the line to the utmost, but the line held admirably.

"Had there been a flaw or a weak spot, it would have been the old story, 'The biggest one got away.' For a nice easy-running, strong casting line, Mansfield is the best I ever used."

(Signed) William L. Carpenter. Detroit. Mich.

Play safe and sure by buying Mansfield's Fishing Lines. Write for SAMPLE CARD of Lines, showing colors, sizes and weights, and folder, "True Fishing Stories."

G. H. MANSFIELD & CO., Inc.
DEPT. H-14 CANTON, MASS.

MANSFIELD'S FISHING LINES For Fish That Fight

Thermo-Guide

FINDS THE FISH!

A GOOD guide knows his lake—can lead you to the "spots" where chances of landing a big catch are best.

If an experienced guide is not available, Thermo-Guide will lead you to these "spots" just as surely. Your tackle kit is not complete without Thermo-Guide—a new device which locates the "spots" where fish are most likely to gather.

Every fisherman should have Thermo-Guide. Makes an appreciated gift or prize.

Send us 50c with your name and address and we'll forward Thermo-Guide, postpaid, with directions for use.

MILWAUKEE DIE CASTING CO.
Dept. 0-6 Fourth St. MILWAUKEE, WIS.

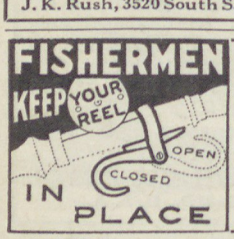
Rush Tango Minnow

The Bait that Gets the Big Fish

Baits may come and baits may go, but for muskies, bass, pickerel and pike there's nothing like the Rush Tango. A sure killer for all kinds of game fish. At your dealers, or postpaid insured. Money order or stamps. Price 75c. Illustrated catalogue FREE.

J. K. Rush, 3520 South Salina, Syracuse, N. Y.

FISHERMEN KEEP YOUR REEL IN PLACE



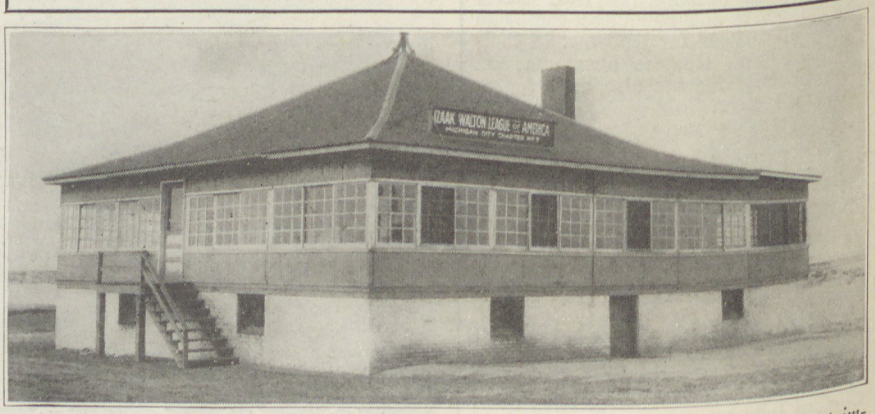
With a Bull Dog Reel Clamp, guaranteed not to slip. Bolt permits it to be put on any fishpole.

At your dealer or postpaid, 75c.

BULL DOG REEL CLAMP CO.
Mankato, Minn.

Waltonian Activities

Michigan City Ikes Gather Here



FRESH perch right out of old Lake Michigan fried in butter with all the trimmings—How does that sound? It sounded good to the members of the Michigan City, Indiana, Chapter, who have built and fully equipped a splendid club house on the shores of their lake. This is the center of Waltonian activities for the whole neighborhood. The Michigan City Chapter had to float a bond issue in order to put it over, but they say it was well worth while.

However, all of the activities of the chapter are not centered here. Among the activities for the Michigan City group for 1927 was the stocking of trout and bass in all the surrounding lakes and streams. The Propagation Committee distributed pheasant eggs to responsible farmers, and plans for a fish hatchery are under way. The school children of Michigan City are writing essays on birds and fish in a contest staged by the chapter.

Not satisfied with having established for itself a wonderful meeting place, the chapter contributed a cabin to the local order of Boy Scouts. Members of the chapter act as examiners for the various branches of Scout Craft such as Forestry, Game and Fish Life, Woodcraft, and so on. L. E. Kunkel is president of the chapter; George Werdin, vice-president, and Carl Ziegler is secretary and treasurer.

Accomplishments

Ely, Minnesota.

THE chapter in the little town of Ely, way up in northeastern Minnesota, heads the active chapters this month with its list of accomplishments.

Although the chapter is not one of the largest in the country, it is one of the most important. At the gateway to the wonderful Superior National Forest, and the United States entrance to the Quetico reserve in Ontario, Canada, Ely looks out on a wilderness area embracing nearly 10,000 square miles. It is the headquarters of the Superior National Forest and of the Superior State Game Refuge, and is generally regarded as the "jumping off place" for this great outdoor wonderland.

Aside from its splendid efforts in the Superior Forest program fathered by the National organization of the League, the Ely chapter has the following list of conservation accomplishments to which it can point with pride:

Has introduced elk into the Superior National Forest. Twelve of these animals were delivered to Ely from the West recently.

So liberating Chinese pheasants into the forest.

For the past three seasons has planted over four million fish fry annually in thirty or forty lakes. This fry includes lake trout, brook trout, wall-eyed pike and black bass. This activity of the Ely chapter is one of the most interesting that has been staged by any chapter wishing to improve fishing in its vicinity. The chapter has stocked a number of lakes that never had any fish in them at all and many of which were so remote that they never even had been mapped. The fry had to be transferred by canoe and the cans carried on the backs of chapter members over many portages.

The chapter has planted several hundred ponds of wild rice annually in various lakes in its vicinity. This activity also has mean travel by canoe and packing the rice over portages.

Is sponsoring a movement to have all unsurveyed islands in the entire northeastern part of Minnesota withdrawn from entry and retained by the public as a part of the scenery and recreational facilities of the region.

Belleville, Penn.

HAS built two trout rearing ponds and has planted twenty-five thousand brook trout from four to seven inches in length, six thousand rainbow trout from six to eight inches in nearby streams.

Has set out six thousand seedling forest trees upon idle land.

Purchased a large number of pheasant eggs for hatching.

Established a record for enrolling new members last fall.

Norwalk, Ohio.

DIRECTLY responsible for the building and care of a fish ladder put in at a dam on the Huron River.

Persuaded the owners of another dam to build a similar ladder.

Through activities of the chapter the county now has a local game warden for the first time in many years.

Has undertaken an intensive educational campaign to eliminate pollution of local streams and first surveys have already been made.

Has established a nursery and now has several hundred evergreen trees ready to be set out.

Manistee, Mich.

AT a recent meeting appointed a total of eighteen active committees. For the benefit of chapters that they want to know what committees to appoint, here is the list appointed by the Manistee chapter. Membership, Legislation, Entertainment, Fish Propagation, Game Conservation, Game Propagation, Waterfowl Survey, Water Pollution, Violations, Forest Game and Fish Law Flowers and Fires, Reforestation, Education, Trout Shrubbery, Publicity, Drainage, Game Preserves and Posting Signs. Member- and Bass Ponds,

Waltonian Activities

ships on these committees range from one to ten.

The chapter established one nursery pond on Bear Creek, two trout ponds and one bass pond at Onekama.

Cadillac, Mich.

POSTED its vicinity with signs offering $25 reward for evidence that would result in the conviction of any person violating the game or fish laws.

Had twenty members deputized as game wardens.

Purchased and planted fifty metal Fair Play signs.

Plowed the ground for and planted forty-eight thousand pine trees in the Cadillac City Forest.

Revived the city park which had fallen into disuse and has made it one of the most popular places in town.

Planted many thousands of fish in nearby lakes and is now constructing rearing ponds to furnish between fifty and one thousand fingerlings every year.

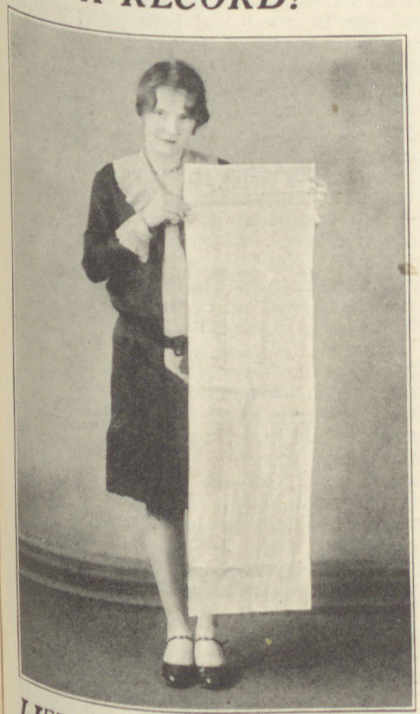
Wilmington, Ill.

THIS chapter has a private "estate" of one hundred sixty acres of ground which was donated to the chapter by Mr. Dana Rowlins, former president of the chapter. Members of the chapter have built ovens, have installed traps and built a rifle range on this property. A creek running through it will be planted to fish.

In a recent crow killing contest the winners killed 531 and the losers 463.

As the result of a membership drive recently the chapter now has nearly 250 members.

A RECORD!



HERE'S the longest petition for charter that ever has been received at National Headquarters. It came in from Fargo, N. D., the other day signed with 233 names. Miss Ellen Gunderson of the Chapter Department is shown here holding it up for all Waltonians to see. And now let's see who can send in a longer one!

FISH AND FEEL FIT

An Ideal Bait Casting Outfit

GET 100% FISHING joy casting or trolling—whether they're hitting at pork rind or plugs—on the surface or deep down. This ideal outfit meets 'em in whatever mood you'll find 'em. It's a selected combination of dependable, finest quality tackle, highly recommended. Withal, it is interestingly priced.

No. 14 Split Bamboo Rod	$14.00
No. 1200 Anti-Back-Lash Level-winding Reel [formerly $25.00]	16.50
50 yds. 18 lb. Black-Oreno line	1.90
Wiggins-Oreno [Bass size]	1.00
Bass-Oreno	1.00
Dart-Oreno	1.00
Midget Surf-Oreno	1.00
Flash-Oreno	1.00
Cable Wire Leader	.15
Pork Rind Min-Oreno	.40
	$37.95

Your own dealer can supply you with the complete outfit or any part of it. Talk it over with him.

SOUTH BEND BAIT COMPANY
1360 High Street, South Bend, Indiana
Manufacturers of the Most Complete Line of Fishing Tackle

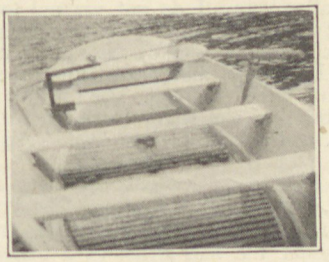
FISHERMEN
Get This Book FREE!

"FISHING—What Tackle—and When," our new 120 page book illustrates over 3,000 tackle items. Contains eight feature stories by nationally known anglers, 78 action photos. Full of fishing tips, helps and suggestions. SEND for your FREE copy NOW!

SOUTH BEND
SOUTH BEND QUALITY TACKLE BAIT COMPANY
Fishing Tackle of all kinds ››› Rods-Reels-Lines-Baits

Trolling De Luxe

A Fisherman's Dream Come True



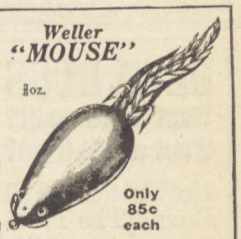
Mr. Fisherman, how often have you felt the need of something to hold your rod in position when trolling? It is here at last. It is clamped to the seat of the boat by two thumb screws. The rod is held rigid, making of it an automatic striker. When the fish strikes the bait, the spring back of the rod gets the hook. The rod is always within easy reach of the fisherman. It is safe, sane and convenient. Patented and sold by the **Meachen & Richards Mfg. Co. Price, $5.00 post paid. Office: 239 Lincoln St., Dickson City, Penn.**

Write Our Advertisers

NEW! NEW! Weller "MOUSE"

—A BAIT THAT REALLY LOOKS AND ACTS LIKE A MOUSE!

Action? Oh Boy!



Only 85c each

It is a wiggly, lively-acting Mouse, and **above all, it has a real, honest-to-goodness, wiggly, waving, "Feather Tail."**

NO OTHER BAIT HAS THIS FEATURE.

FINISHES: Gray, Red and White, All White with Pink Eyes, and All Black

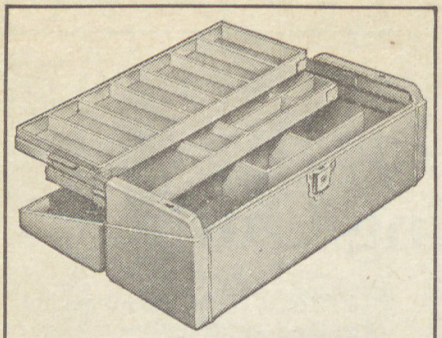
Order direct if your dealer will not supply.

Send for literature on Weller "Quality" Leaders, our famous "Classic" Minnows and Genuine June Bug Spinners.

ERWIN WELLER CO., Sioux City, Iowa

NO ANGLER'S KIT COMPLETE WITHOUT A "CLASSIC"

Refer to page 91 for INDEX of ADVERTISERS



No more tackle-box accidents—this box will prevent them

Hobart Watertite Tackle Boxes are absolutely water-tight, because all seams are tightly soldered.

Has sliding trays which make all compartments accessible without removing trays—yet they are removable and interchangeable.

The patent Hobart handle automatically locks the lid, making it impossible to accidentally spill contents.

Write for catalog. At your dealers or by mail postpaid.

14 inch $5.00
18 inch 6.00
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Hobart Metal Manufacturing Co.
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Alkali Waterproof Silk Lines

The best Black W. P. Silk line made. Strength, yardage and prompt delivery guaranteed. Write for our catalogue of lines for every purpose. We do not claim to make the cheapest, but we do claim to make the best.

PILOT BRAND LINES

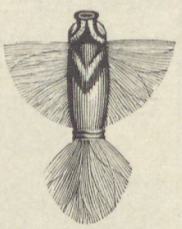
No.	Test	Price per 100 Yds.
7	14	$2.86
6	18	3.23
5	23	3.94
4	28	4.30

Postage 10c Extra

THE BEVIN WILCOX LINE CO.
Dept. O.A. EAST HAMPTON, CONN.

DEVIL BUGS
Want a BIG thrill?
Want a BIG trout?

Use Tuttle's Devil Bugs. The most natural, true to life single surface lure on the market.



Trout Bug 50c

Devil Bugs for all kinds of fish. Send for Catalog

O. C. TUTTLE DEVIL BUG, INC.
30 Tuttle Bldg., OLD FORGE, NEW YORK

OLD FISHERMAN'S 1928 CALENDAR
BETTER THAN EVER
Tells When You Can Catch Fish
PRICE 25¢ 5 FOR $1.00
O.F. CALENDAR
BOX 505 HIGH. STA.
SPRINGFIELD, MASS.

Fishing Yarns of Southern Waters

By David M. Newell

THE older a man grows in fishing experience, the less inclined he will be to doubt anything in the line of fish stories. Peculiar things happen in all fields of sport; freak plays in baseball; unaccountable shots in hunting; hole-in-one shots in golf; double knock-outs, fluke touchdowns, etc. However, the addict of rod and reel has them all stopped when it comes to tall stories. This is not remarkable. A fish is by nature fishy. As the old darky woman said, "Fishes sho' is sometimesy!" Who can tell what a fish is going to do? Nobody. If anyone could, there would be a great deal of time saved on "biteless" days. I maintain that as upsetter of the dope bucket, the fish is champion of the world.

For instance: If you were seated in a small boat several miles out in the Gulf of Mexico, fishing, and were suddenly to have a vicious strike, you would at once assume that a fish had seized your bait. So far you would be right. Then after you had played your fish for five or ten minutes and brought him fairly close to the boat, you discovered that you were hooked to a small shark. The natural assumption would be that you would probably catch a small shark. But suppose you landed a thirty pound black grouper! One minute you behold a long, lithe sand-shark struggling in the clear, green water. The next, you lift a plump and juicy grouper into the boat. Explain it? All right. The man who accomplished this feat happened to see it occur. Otherwise I could not explain it, nor could he, nor you, nor anybody else.

It so happened that when the shark first struck, he knocked the bait, which was a large chunk of mullet, far up onto the shaft of the hook. The point of the hook pierced the corner of the shark's mouth. To all intents and purposes that shark was headed for a sharp rap on the nose with the guide's monkey wrench, and consequent complications. The man in the boat saw the shark plainly and the guide had already grabbed the monkey wrench preparatory to the above-mentioned rap on the nose. At this juncture, the grouper appeared from the depths. He was very hungry, which is a chronic condition with groupers, and he now beheld a juicy chunk of mullet tacked to the side of the shark's jaw. The shark was acting in a very peculiar way. I do not pretend to know just what the grouper's mental process happened to be as regards the shark's actions, but I do know that he made a fierce lunge at that piece of mullet. The result was that he knocked the shark loose, hooked himself, and wound up in a keg, destined for a pot of grouper chowder!

I have often caught two bass at one cast, using a wooden plug. The principle is the same as in the case of the grouper. Whether the fish strike at a bait in another fish's mouth from hunger, envy, or a desire to help a comrade out of difficulty, I do not know, although I am inclined to believe that the motive is pure greed.

This brings me to the story about the greediest fish I have ever heard of. This fish was a four pound large-mouth bass. He has since been eaten. A friend of mine was fishing one morning in Lake Griffin. It was a warm, misty morning. Misty, warm mornings in Florida are not conducive to outbursts of energy, and my friend was poking along in his rowboat so slowly that I hardly know whether to say he was trolling or still-fishing. At any rate, he was using live minnows as bait, and had two lines out over the stern of the boat. Suddenly there came a strike on the right hand line. As I have said, the morning was not conducive to sudden bursts of energy, and my friend was a little slow in seizing the rod. It happened that the line had accidentally taken a half hitch around the reel handle, and the result was that my friend found himself looking at a circle of bubbles caused by the abrupt disappearance of a thirty-dollar outfit! The loss had hardly begun to dawn upon him before the other reel began to sing. This time he acted promptly, and shortly landed a nice bass. The only difference between this bass and the average bass was that this one had a hook in each side of his mouth! It is always a good habit to tie one's line to the spool of the reel, and my friend was a man of good habits. In due course of time, he retrieved the thirty-dollar outfit from the bottom of the lake and went his way, reflecting on what strange things happen. This story might well be called "The Reward of Greed."

Then there comes to mind the incident of the dog and the pork rind. My brother-in-law owned an Irish setter, the most omniverous dog I have ever known. Everywhere my brother went, old Pat was sure to go, and everything that was left around, old Pat was sure to eat. We took him along one day on a fishing trip. After an hour's casting with no luck, I decided to change baits. I had been using a small spoon and pork rind. As I took it from my line, it fell into the bottom of the boat, and old Pat lapped it up spoon, hook, and pork rind! This dog lived for three years and finally died of hook-worm!

Another friend of mine—and I know you are beginning to think that I have a fearful and wonderful circle of friends—once caught a six pound bass without any line at all. He was casting in one of the small inland lakes, and on a long cast got a fierce strike. On the fish's first jump, the line slipped out of the eye of the plug. There was a good deal of grass in the lake, and the bass promptly tangled the hooks in it. My friend paddled wildly after him. When almost within reach, the bass tore loose from the grass and made a wild jump in an endeavor to shake the plug from his mouth. Failing, he swam crazily off and shortly was tangled in the grass again. The upshot was that my friend finally ran him down and caught him!

Nearly everyone knows that certain water-snakes eat fish, and all old fishermen kill such snakes at every opportunity. Here in the south especially, snakes kill a vast quantity of fish. However, it isn't all one-sided. I caught a pound and a half bass last summer that had in its stomach a mottled water snake eighteen inches long! This was a new one on me, and I informed my fishing buddies that I had discovered a new fact in natural history.

"Shucks," said one, "Didn't you know that bass eat snakes? Why, I'm working on a rubber casting snake now!"

Who knows what the tackle box of the future may contain? We already have frogs, mice, beetles, flies, hellgramites, crawfish,

and many wild-colored chunks of wood that defy description.

I started out with a shark story, and I shall close with a shark story. Down on the west coast of Florida there is a long stretch of white beach fronting the open Gulf. For the benefit of all salt water fishermen, I shall be very explicit. This beach is known as Venice Beach, and from Casey's Pass at the north end, to Englewood at the south, Venice Beach is the front porch to the finest tarpon fishing I have ever seen. Here is held the National Tarpon Tournament, an annual fishing contest attended by enthusiastic fishermen the country over. The tournament starts early in June and continues for three weeks. Tarpon in enormous schools are found daily, and numerous are the backaches and alibis brought in by contestants. Last year it was my good fortune to win third prize at Venice with a one hundred and five pound fish. As tarpon go, this is far from an unusual fish, but I knew that I had been fishing just the same. To the man who is unused to deep sea fishing what I shall now relate will sound like a nightmare.

The day previous to the opening of the tournament I was trolling for tarpon, in company with two or three fellow anglers and a particularly hard-boiled and well-seasoned guide. One of the boys had a strike, and it soon become evident that he was tied to a very large and active fish. There followed an hour's battle, a battle of thrills for all on board. The great, shining fish leaped frantically; he took yards of line in savage rushes; he sounded and sulked. Finally he weakened, and slowly was brought toward the boat. We all stood up to see him. Perhaps sixty feet from the boat he was, rolling belly up —a thoroughly whipped tarpon. Suddenly he took a new lease on life, and leaped clear of the water with a mighty effort. Then we saw! A huge purple shadow passed under him, circled, and headed toward him.

"Look at that shark!" yelled the guide. "Bring that fish in quick if you want him!"

My friend reeled and pumped frantically. When the tarpon was less than twenty feet from the boat, the great shark shot up from the clear, green depths and cut that one hundred pound tarpon in two as clean as a whistle! The speed with which the whole thing was done was unbelievable. Temporarily the shark disappeared, probably to finish sallowing the tail end of the tarpon. My friend brought the bleeding forward half of the fish alongside the boat.

"Look out!" shrieked the guide, and grabbed for a long oar. Now it is fairly exciting to witness a shark of gigantic size in action at twenty feet. It is nerve-wracking to have such a monster swirl under one's boat.

"Let him have it," yelled the guide. It was useless to offer such advice, for the big shark had already seized the remaining half of his meal. The guide stood up in the boat and jabbed lustily with his oar. Disdainfully the shark swam away. That was all—just swam away. But he took the remains of the tarpon with him.

"H-how b-big was that shark?" asked one of the boys.

"You tell me!" grunted the guide. "Big a-plenty." This was a satisfactory answer. We all agreed that this shark was big a-plenty.

"Let's jump in and have a swim," I suggested, winking at the guide. "All the books say that a shark will rarely attack a man."

"Let's *don't!*" chorused the rest

"Amen," said the guide. "That shark might be one o' them rare ones!"

"Can't get away from an Ashaway"

Always Carry a Spare Fishing Line

FOR the fourth year, the Ashaway Crandall's American Finish Fly Line stands out as America's best by far. Recalling the popularity of the famous Ashaway Original Cuttyhunk, holder of so many World's Records for taking big game fish in the oceans.

ASHAWAY

Every Ashaway Line is guaranteed satisfactory to you or your money back.

Fishing Lines

COUNTLESS fishermen of great experience find the Ashaway Crandall's American Finish Fly Line gives them valuable increase in accuracy and delicacy—so important for getting strikes. Particularly, strikes from big fish.

There is more weight in it, its smooth finish shoots better, its great pliability gives better control. And a Big One can be played with more confidence. The remarkable tough and elastic Crandall's soft finish—original and exclusive—indefinitely preserves the original strength of the silk.

Select Ashaway Fishing Lines for greatest satisfaction. Made in every needed style, size and color for all fresh-water and salt-water fishing. Moderately priced. Ask your dealer. If he does not supply you, please write to us.

Ashaway Line & Twine Mfg. Co., Box 635, Ashaway, Rhode Island

Lines for every kind of fishing—used around the world. Made in Ashaway since 1824.

Send for a FREE copy of "Ashaway Fish Stories."

Canadians Put Heavy Penalty on Fishing with Barbed Hooks

Enforcement of regulations prohibiting the use of barbed hooks, as practiced in parts of the province of British Columbia is now being recommended by the fish and game bureau of Smithers District.

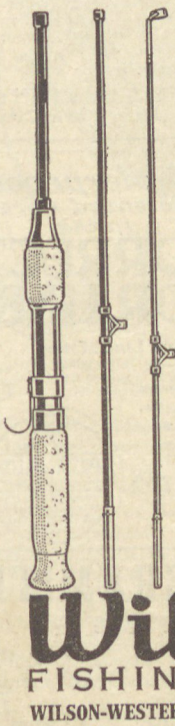
The bureau ascertained that in many states the use of hooks having the familiar looking barb is now prohibited under heavy penalty, and any law governing the size of fish to be taken is defeated where barbed hooks are used.

The hook itself is seldom fatal to fish; chief mortality comes from the necessity of seizing the undersized fish in order to twist the hook free. With the Barbless Hook all that is necessary is to tilt the hook slightly and the fish is liberated. The game bureau is arranging for a shipment of such hooks and encouraging their use.

Besides helping to save the little ones Jamison Barbless Hooks catch more big fish because the needle like point penetrates quickly and deeply. Write for handsome catalog of Jamison fish-getting lures.

THE W. J. JAMISON COMPANY
739 S. California Ave. Dept. 56 Chicago, Ill.

JAMISON BARBLESS HOOKS
SHANNON TWIN SPINNERS



as good as can be made!

Wilson POWELL GUARANTEED STEEL RODS

Powell steel rods in a variety of styles are as good as can be made—yet they are reasonably priced. All Powell rods are lined with an alloy interliner that absolutely insures the rod against rust. We guarantee it. Ask your dealer.

Wilson FISHING TACKLE
WILSON-WESTERN SPORTING GOODS CO.
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BE WISE!

BUY DEPENDABLE FISHING TACKLE

If our goods are not better than you can purchase ANYWHERE else for equal price, return them and have price refunded (without question).

We Mention a Few Specials:

H. L. LEONARD

Split Bamboo Rods

Have been made by the same Organization and under the same supervision for the past 50 years. The knowledge, care and skill, used in the selection of materials and manufacture make Leonard Rods

The World's Standard of Comparison

BUY A LEONARD—and let the "other fellow" compare his Rod to yours! A full line of patterns of Rods for ALL KINDS OF ANGLING, is shown in our catalog.

William Mills & Sons

25 PARK PLACE, NEW YORK

Fishing Tackle Specialists
(Established 1822—Now in 106th Year)
Everything for the Angler

Our CATALOG contains not only descriptions and prices of goods, but also COLOR PLATES OF FLIES and a "NOVEL INDEX" with complete description of outfits for angling for various Game Fishes. COPY MAILED ON RECEIPT OF 10c IN STAMPS.

These lines are good quality pure Japan thread silk, enameled in a new and superior manner; they are serviceable lines at a moderate price.

Made in mottled water color—30 yd. lengths.

Size	Each
C - - - -	$4.00
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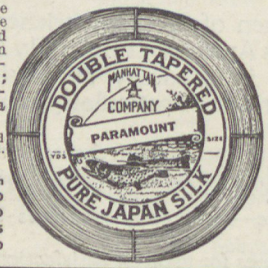
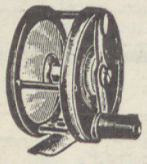
E - - - -	3.25
F - - - -	3.00



FISHING TACKLE

Deal Direct with the Manufacturers



Over 60 years ago, this House set about making absolutely dependable tackle—tackle that the world's fishermen can pin their faith to. Through the intervening years, without deviation, we have steadfastly adhered to this Quality-First policy. Wherever anglers gather, there the dependability of Edw. vom Hofe tackle is known. Yet, withal, you will find our prices sensibly moderate.

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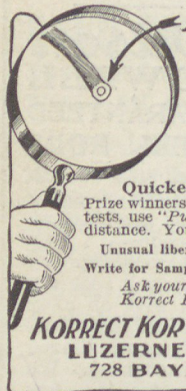
96 Fulton Street New York City



It's Waterproof!
A Patented Core in the
KORRECT KOR LINES

Quickest Drying Line Made

Prize winners in accuracy bait casting contests, use "*Pussy Willow*"—gives ease and distance. You can win too—try it!

Unusual liberal guarantee.

Write for Samples and Prices.

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KORRECT KOR LINE CO.
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LIVE HELGRAMITE

FOR BLACK BASS

Shipped direct to your fishing grounds. Price $4.50 per hundred. Send money order or check with order.

GEO. O. STRONG, Willimantic, Conn.
P. O. Box 123

Black Bass or Pearl Buttons?

(Continued from page 14)

ing fish life. Certainly this should stop.

The prices of mussel shells are governed largely by size and quality, and have ranged anywhere from $30.00 to $90.00 per ton. With the source of supply becoming more restricted in area, the average price is sure to run near the high mark. In a stretch of the Wabash River extending for ten miles above and below Vincennes, according to the report of the Indiana Conservation Department, 325 tons of shells were taken in 1927. While tonnage figures are not available, it is known that shell buyers did business in excess of $30,000.00 with one bank in a single season in Seneca County, Ohio, the shells being taken from the Sandusky River. The extent of the disturbance of this river bed may easily be surmised, and the result is appalling. The Sandusky River has, from time immemorial, been a natural small-mouth bass stream. Accounts of white captives of the Indians living along its banks having gained favor with their captors by showing the Indians how to construct fish-traps of willow boughs for the purpose of taking quantities of "rock-fish" are to be found in Ohio's earliest historical sketches. The stream is spring fed and has unusual fall. Riffles and rapids, with intervening pools of deeper water, make it an ideal stream for natural propagation of game fish. But, in spite of efforts of the State Division of Fish and Game to keep this river stocked, during the past four years the black bass has almost disappeared.

This is true of many other Ohio streams. The anglers along the Maumee River are now finding out that clamming is one of the reasons for the depletion of that stream, though the operations of clammers is not so extensive in that territory, due to the inferiority of the shells. When the Ohio and Indiana streams are depleted of mussels, these nomads will wander on to other streams to pursue their work of destruction. Commercial netting in the rivers of the great lakes drainage system is generally prohibited. Dynamiting these streams bears a heavy penalty. Light tackle fishermen are licensed to provide funds for the propagation and distribution of fish, and the size and number of black bass taken is set by law in an effort to conserve the supply. Yet the most potent means of destruction of fish life in inland streams is allowed to proceed, and in some instances LICENSED TO DO SO. Birds are no longer worn on ladies' hats because public sentiment was aroused against the destruction of bird life, and the ladies are as happy and popular as before. It follows that because of the many kinds of buttons manufactured, those made from mussel shells or "pearl" could easily be dispensed with. Their source of supply is public property, exploited at detriment to the public because of the fish life destroyed; an instance of enrichment of a few at the expense of the many.

Shall we sit idly by and see that which we contribute to conserve, ruthlessly destroyed for the sake of commercialism? Shall the boys and girls of the future be without fishing in inland rivers and streams for the sake of pearl buttons for today? Or shall these shells be taken from places of propagation maintained by those who derive the profit? Must the *public* maintain this industry at the expense of all

Will Run 10 Electric Lights 12 Hours on One Gallon of Gasoline

Now You Can Have Electricity Anywhere

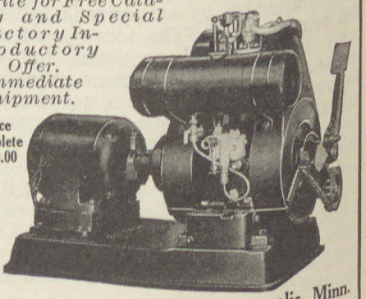
Electric Ten-Lite Plant

For Summer Camps and Cottages, for Schools, Farms and small town stores where Electric Current is not available. Portable and simple, a woman or a child can put it in operation. Wiring is as simple as wiring your Christmas tree.

Take it to camp on the running board of your car and install it yourself.

Write for Free Catalog and Special Factory Introductory Offer. Immediate Shipment.

Price Complete $130.00



D. W. ONAN & SON CO., Minneapolis, Minn.

EXPERT
Telescope Pocket Gaff Hook

Press here

Ideal for landing all kinds of game fish. One hand to operate. **Eliminates** the open landing net, tangle of line and exposed gaff hook. *Sent postpaid. Price $2.00. Dealers Wanted.*

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TROUT FLIES

Biological survey and scientific study of trout streams enabled us to design the

A. L. & W. SELECTED SIX.

Striker, Black Witch Mink, Kingfisher, Blue Heron.

A. L. & W Favorite—proven to be the best assortment for American waters after years of experience and testing. Exclusive designs

Sizes 8-10-12—T.D. eyed flies to gut. Send $1.00 for sample set of six along with free literature on

FISHING IN CANADA.

Also authentic fishing and hunting information on request. Write Now! (stamps not accepted)

ALLCOCK LAIGHT & WESTWOOD COMPANY LIMITED
ESTABLISHED 64 YEARS
226 BAY ST. TORONTO CANADA

Only GEP-RODS

Have These Original Features

1. Automatic Reel Lock — locks your reel in place without screws.
2. Automatic Rod Lock—keeps guides aligned.
3. Alloy-Lined Joints — won't rust or stick.
4. Solid Chrome Vanadium Steel Tip.

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THE DRONE

With the Lifelike Action Spells Success to All Who Use It. Ask Your Dealer for It

Use 3 foot leader as shown in cut

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BIG TROUT

Peck's Floating Trout Midget

And little ones fall for Peck's Floating Trout Midgets. 24 patterns. Hook sizes 8, 10 or 12, fifty cents each. Peck's Crickets another winner on trout. Remit $1.00 for sample of each and descriptive list of Peck's full line of real fish getters.

E. H. PECKINPAUGH COMPANY, Chattanooga, Tennessee

forms of fish life in the smaller rivers and streams? Let us do less weeping and bemoaning the loss of the black bass, come to a realization of this destruction going on under our very eyes, and *cause laws to be enacted and enforced* restraining commercial mussel fishing and clam digging to waters where harmful methods may not reach to the very eggs in the fish nests. Let us not *hinder*, but AID nature to perpetuate for future generations that respected battling warrior, "Inch for inch and pound for pound, the gamest fish that swims"—the noble black bass.

The Sportsmen's Show

WHILE the National Convention of the League was going on at the Fontenelle Hotel in Omaha, OUTDOOR AMERICA National Sportsmen's Show was attracting huge crowds at the Omaha Auditorium.

This was the most successful Show yet staged by the magazine's advertisers at a league convention. From its opening on Wednesday, the 18th, until its close on the evening of Saturday the 21st, thousands of people came to view the exhibits, take part in the rifle or casting contests, watch Bob Limbert shoot and Coller cast, listen to the band, or write a slogan for the league in an effort to win the Hupmobile sedan.

The feature of the first evening, a "strip shooting" match between Bob Limbert, Idaho pistol shot, and Fred Palmtag of the Omaha police force, was won by Limbert by two points. After that Limbert put on an exhibition of trick and fancy shooting, which he made a regular feature of the Show every afternoon and evening. He gave instruction to all who wanted it.

"Chief Dowagiac" Coller, one of America's leading casters, gave remarkable exhibitions of fancy casting every afternoon and evening. This was one of the high spots of the show.

On Thursday and Friday evenings these two men umpired public shooting and casting contests.

The Chicago & Northwestern Railway band was there Wednesday and Thursday, and the Central High School band of Omaha took the stage Friday and Saturday. On Saturday the Boy Scouts, Girl Scouts, and Campfire Girls were guests of the League at the Show.

The slogan writing contest was exceptionally popular. Seventy-five per cent of all visitors turned in slogans. The judges were Guy Cramer, president of the Omaha chapter; Frank J. Brady, president of the Nebraska division; Harry C. Goodwin, Rochester, N. Y., Judge George W. Wood, Waterloo, Iowa, and M. A. Bergfeld, advertising manager of OUTDOOR AMERICA. They worked most of Saturday night and all day Sunday before the winner was determined. When the card on which the winning slogan was written was turned over, it was found to belong to Mrs. Nelle Ringer of Omaha. Her slogan was, "Save Nature—Serve Humanity," and the reason given for its being appropriate was that it "fully describes the Walton League's program." An order on the Hupmobile Company to turn the sedan over to the winner was sent immediately.

More than seventy exhibitors had booths at the Show. Working models, miniature movies and demonstrations showed the visitors how the latest things in outdoor equipment "worked." Lists of exhibitors are given on pages 74 and 75.

Add to the joy of the open road—this pleasure-giving refreshment.

Between Smokes and After Every Meal

I-49

New Bull's-Eye Casting

Meisselbach

Level-Wind Reel-$5

TRUE to the mark—*right* where he wants it. SMASH! On the hook, seconds after you saw your chance. That's *fishing*. Your own work with your new Meisselbach No. 100 Bull's-Eye Casting Reel. Big ones—action—weight on the stringer—fish in the pan. Thanks to straighter casts and neater bait handling.

Fine balance, free running, silent, strong, handsome and ample line capacity.

Genuine Meisselbach originality of design, high grade materials, and fine workmanship—famous for nearly 40 years. Precision-cut gears, worm and pinions, long-service bearings. Pillars anchored deep and strong in Permo end plates—absolutely prevents twisting under greatest strain in reeling strong, heavy fish. Years of best service, day and night.

Leading dealers all display this new straight casting Meisselbach. Accept no substitute—if necessary please write to us. Complete catalog of famous Meisselbach Fishing Reels sent FREE.

The A. F. Meisselbach Mfg. Co.
2823 Taylor Street

Division of The General Industries Co.
Elyria, Ohio

Camping

Nothing gives greater pleasure and health than life in the open

Edited by MURDO GIBSON

Camping Editor, OUTDOOR AMERICA

AFTER a winter spent camping alone in a small tent in the Canadian wilderness Murdo Gibson writes us, "The winter has been a complete success. I hope I shall have the opportunity to repeat the experience often. I wish I could have had all my friends visit me. Still it might have spoiled them permanently for regular work of any sort—it has me."—EDITOR.

In camp, Lake of the Woods, Ontario,
March 20th, 1928.

DEAR WALTONIANS:

All the superlative adjectives in the language would be hopelessly inadequate to fittingly describe the brilliant beauty and sheer delightfulness of this supremely glorious day.

Since sunrise, the sky has been a vast expanse of clear, deep, Mediterranean blue in which the sun glows so dazzlingly, one can give it but the briefest of passing glances.

A faint, zephyr-like breeze from the southland whispers softly in the tree tops and all Creation seems vibrant with the spirit of imminent spring.

It is a wonderfully clean world I behold. There are no dingy smirches; no dark, murky patches to mar the glistening purity of the lake's crystal surface and the snow-free evergreens, that clothe the numerous islands, stand out in vivid contrast to the unsullied whiteness of their surroundings. Loveliness unsurpassed.

The round-topped crowns on near-by stumps are shrinking, visibly. By nightfall, they will have disappeared. Brush piles are emerging from their coverlets of snow, and forgotten stovewood, long buried, is coming into view. The door-yard, with its litter of clean chips and fragrant sawdust, looks warm and dry and I have been sitting there for an hour or more, pretending to file a saw but, really, just basking, sensuously, in the ardent rays of the noon-day sun. So balmy the air, I felt no chill, though wearing neither coat, vest nor cap. Paradise enough.

This is no time for me to be tormenting a typewriter. (Machine, of course.) My thoughts are out-of-doors and, presently, I shall drag my decrepit old carcass after them. The birds, also, are distracting my attention. When they chirp at me, from the food dish between my feet, my eyes stray from the keyboard and my fingers tap the wrong discs. To the bad place! with writing, indoors, when one should be out in the sunlight, LIVING. That is where I am going, NOW.

12:30 A. M.

THE day was spent in leisurely puttering at a number of insignificant tasks but, in spite of my dawdling, it passed all too quickly. Already, I am wondering if the morrow can possibly be a repetition of today's perfection. Improvement is impossible.

This night is a fitting complement to the peerless day that preceded it. There is something in the invigorating coolness; the somber gloom of the silent forest; the pale, non-revealing luminescence above the snow-covered lake; the myriads of gleaming stars, scintillating in the cloudless purple of the midnight sky; the mystery, the serenity, the splendor, the majesty of it all, that stirs one's deepest emotions. It transcends my power to describe its effect, but I pay it the only appropriate homage I know — reverent silence.

Notes on camp life, intended for a monthly magazine, should be written, at least, a year ahead of publication. I have mentioned that before, but it will bear repeating. Tonight, I feel most reluctant to turn my thoughts from the bewitching present and try to project them, ten weeks forward, into the humid, insect-filled atmosphere of a June encampment.

If I don't record, now, the fact that two large owls are courting, shamelessly, within whispering distance of my head, the incident will likely be forgotten long before next March. These lovesick birds have been in this vicinity for several days and, like all lovers, have scorned the conventions and continued their amorous *tête à têtes* long after respectable owls are supposed to be asleep.

I find their conversations highly entertaining. Although unable to interpret all their utterances, I can easily grasp their general meaning. Their language contains many sounds that most persons would not think of attributing to owls. These, of course, are in addition to an infinite number of variations on the characterisic "Hoo-hoos."

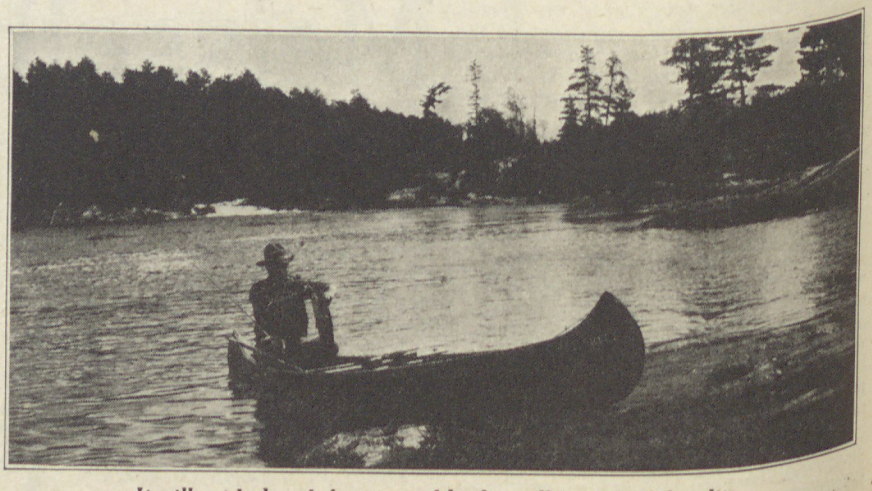
The chickadees, also, have a larger vocabulary than I was aware of. Among the half dozen or more "new" calls I have noticed recently, is one that must be of Scandinavian origin. It sounds exactly like "Sha-veet'-hart" and is rendered in the clearest, sweetest, most alluring manner imaginable. Whether it is used by a Mr. or a Mrs., or by both, I don't know. The only way I have of distinguishing between the sexes is by their general demeanor around the feeding dish. But when one of them looks directly at me and says "Sha-veet'-hart," I feel, almost foolishly, pleased.

They seem to be "coming down" with the same disease that afflicts the aforementioned owls. During the past week, there has been a radical improvement in their deportment and in their attitudes toward each other. I first noticed it when Mickey McGuire hopped into the tent behind another chickadee and, instead of darting viciously at her, as he would certainly have done, a short time ago, he waited patiently until she had loaded up with greasy mush and flown from the tent, before jumping into the dish himself. Such remarkable forbearance, on his part, can mean but one thing; Mickey is in love and the lady that forestalled him to the food is the object of his affections. Subsequent observation has confirmed me in this belief.

Of the many kinds of provender they have been offered, cheese seems to be their favorite. By holding a piece of cheese between thumb and fingers I get them to light on my outstretched hand and strive valiantly to extract the coveted delicacy.

I always know when strange birds come into the tent. Invariably, they seek exit via the celluloid window. Generally, it takes them an hour or more to realize the futility of hammering at that deceiving transparency. Why they don't follow the others through the open door-flap, I don't know; but their instinct seems to impel them to fly UP, when they want to escape. However, after that first lesson, they have no difficulty finding their way out, even through the tiniest opening.

THIS transition period, from winter to spring, offers the north-woods camper a number of unique attractions. It is the real beginning of Nature's new year. So many are its advantages over other sea-



It will not be long before scenes like this will be a blissful reality.

sons, one wonders why more outers don't take their holidays in April.

At this time of year, there are no troublesome insects and food remains sweet and fresh without special care. Weather and temperature are not only endurable, they are positively delightful. There are no depressing influences. On the contrary, every condition tends to stimulate and exhilarate. There is a keen zest in just being alive and one's appetite for work, play, food and sleep is astonishing.

Weeks before navigation opens on the larger lakes, narrow leads, or channels, appear along south-facing shores and at the mouths of streams. To these, the returning land birds and waterfowl come at the earliest possible moment. They find there, an abundance of freshwater delicacies such as crayfish, snails, and minnows, and at the water's edge, numerous bugs, worms and insects. All the feathered tribe are dressed in their proudest plumage and at the very peak of vocal and social activity. Watching them, through powerful glasses, from a comfortable, well-situated blind, is a rare treat for the lover of birds.

But I must not forget that this is to be read in June and readers of OUTDOOR AMERICA have asked me a lot of questions relating to summer outings. I choose the following, for answer in this issue, because it is typical of many and deals with a style of camping that has become very popular.

"Dear Murdo Gibson:

"Last year, another boy and I went on a camping trip to Culver, Indiana, and stayed about four days. We are each about fifteen years of age.

"This year, we are planning on going up on the Tippecanoe River, which is about forty-five miles from our home town. We are planning on riding to our camping district and then camp at different points along the river.

"After camping for six or seven days, we are planning on hiking home, stopping at different points for a while, which in all will make a six or seven days' hike.

"I am writing you to ask what you suggest we should take with us in the way of (1) Cooking Utensils, (2) Food, (3) Equipment. We do not want too much unnecessary equipment with us, but all that is necessary. We want enough food for two weeks.

"Please write me, making out a list of the things I have asked you, and if you have enough room to tell me any other important ideas on camping, please add them.

"Yours truly,

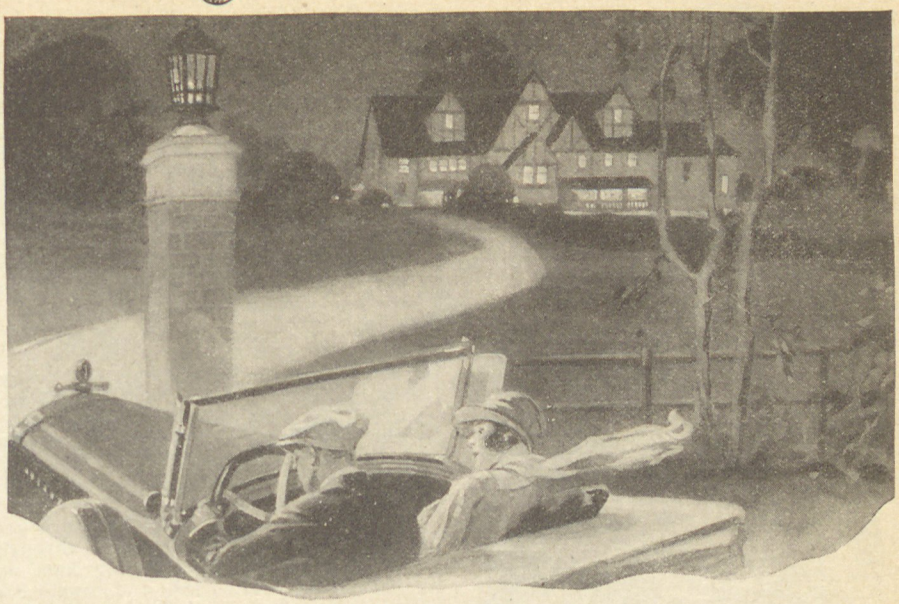
"W. B.,

"South Bend, Ind."

"Well, Lads:

"If you try the Public Library, or one of the charter members of your local chapter, you might be able to glean some valuable hints from my articles in OUTDOOR AMERICA, starting August, 1925, and continuing on through 1926 and 1927. For instance: the July, 1926, number contained directions for cooking fish, outdoors; the July, 1927, issue, some pointers on choosing camping companions; the June, 1927, number treated the problem of 'Flies and Mosquitoes.' In the February, 1926, magazine, I had an article entitled, 'Facts and Fallacies' which I advise you to read. It was not in the 'Camping Department,' but nearer the front.

"If I were you, I should make a determined effort to get hold of every one of these copies. The earlier ones, told about



Kohler Electricity

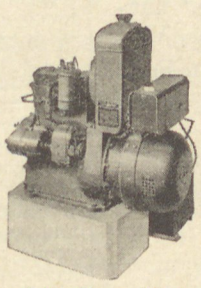
for summer cottages and resorts

YOU will have plenty of electric light and power, and such complete freedom from trouble that you will have a hard time believing your own experience—if you install a Kohler Electric Plant this season.

You will enjoy *fully automatic* operation, with current flowing full-powered straight from the generator the minute you turn on a light or appliance.

You will have *no* large banks of glass-cell storage batteries to care for and find storage for between-seasons, for the Kohler Electric Plant needs only a small automobile-type *starting* battery.

You will have powerful *110-volt current*—city standard—so you can usually use the same household appliances, such as heaters, toasters, etc., that you do in the city. You can carry this current long distances and light many scattered buildings.



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Thousands of Kohler Electric Plant owners know how important these advantages are. They are using their plants in camps, resorts, and country homes; on yachts; on farms and ranches. Many of these plants have run day after day for years. Apparently they don't know how to wear out. . . .

Let us tell you what the Kohler Electric Plant can do for you—what it actually *is doing* for others whose needs are similar to yours. Mail the coupon below for complete information.

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Kohler Co., Kohler, Wis.—Please send me information about the Kohler Electric Plant.

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converting ordinary food receptacles into good camp dishes and gave directions for making tents and shelter cloths from cheap materials. All along, I tried to help the fellows who had but little money to spend on vacations.

"Let me hear from you when you have read the suggested articles.

"Fraternally yours,

"MURDO GIBSON.

"P. S.—Senator Bradford, of your town, would be glad to help you locate back numbers of the magazine.

"M. G."

My reason for quoting this letter is to show the difficulty of giving helpful advice on the details of a camping outfit, without knowing a good deal about the locality, time of year, type of personnel and their approximate limit of expenditure.

By assuming that these chaps are going in August; that their route is through a forested wilderness; that they have no particular hobbies to ride and cannot afford to spend many dollars on the trip, I can write a fairly complete list of the things I consider necessary for their *reasonable* comfort. But, after their first, extended hike, they will know more about their own requirements than I, or anyone else, can tell them.

As they will ride to the "Jumping-off place," and probably establish headquarters there, severe economy, in bulk and weight, is unnecessary, for the first week. But all dishes and utensils should be chosen with the understanding that they are to be left at the first camp.

My idea is, they should, on the return march, try to "Live off the country" as much as possible. For them, that would likely mean fish. When it becomes a case of "Fish, or no breakfast," the trip immediately assumes the character of an exciting adventure; something of a sporting proposition. That feature should appeal, strongly, to any outdoor boy.

A good deal can be said both for and against such a plan. Inexperienced adults would likely minimize its good features and exaggerate the bad. Having tried "going light" a dozen or more times, I have no hesitation about recommending it to others. A light pack, during the day, compensates for considerable nocturnal inconvenience, but a heavy pack is a torment by day and a depressant at night. Dread of the morrow counteracts whatever added comfort may be derived from excess baggage. A light heart is more to be desired than a heavy sleep.

But the space allotted to this department is nearly filled. I must stop generalizing and start on details. Each boy should carry a map, compass, pocket-knife, whetstone, six-inch flat file, waterproof matchbox (full of *perfect* matches), his own fishing tackle, whatever paraphernalia his own particular amusement requires, a single, woolen blanket, an extra pair woolen stockings, drinking cup, teaspoon, note-book, pencil, comb, toothbrush, soap, towel, mirror, fly dope, a yard of cheesecloth, and extra shoelaces.

There should be two sharp axes; one 2½ pounds, with a 28-inch handle; the other, a light belt-axe. Both should have leather sheaths, or else edge-guards. Packsacks are a convenience but not a necessity. The light shelter-cloth will do for one; the waterproofed bed-tick for the other. Fisherman's cord (sometimes called "Side-line") can be used interchangeably for guy lines and pack lashing. The towels substitute for leather headstraps. A cloth bag, six by twelve inches, makes a good pillowslip.

"Groceries" may well consist of small quantities of ready-cooked breakfast food, sugar, salt, hardtack—or Rye-Crisp—raisins, plain, sweet chocolate, and a few slices of breakfast bacon, but the total weight of each boy's "store grub" should not exceed *five* pounds, for a seven-day hike. If there is danger from drinking unboiled water, a light, two-quart pail should be carried.

Fish can be cooked easily, quickly and perfectly by splitting them down the back and tacking them with 2½-inch nails—or screw-hooks—to a short log, or a board, and placing them close beside a blazing fire. Skinning or scaling is unnecessary as flesh side is outermost and fish is not removed from its backing until nothing is left of it but skin, fins and bones. Then, the nails are extracted, refuse burned and fingers licked clean.

Next month I may have more to say about back-packing trips for holiday campers.

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. . . *a sportsman's bottle*

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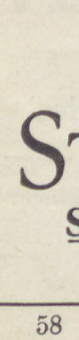
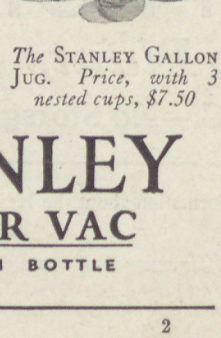
Write for free copy of our useful recipe booklet, "Outdoor Cookery." Stanley Insulating Co., Dept. B-6, Great Barrington, Mass.



Left—the STANLEY FOOD JAR. *Contains no glass. Price—quart, $12.50; 2-quart, $15.00.*



The STANLEY GALLON JUG. *Price, with 3 nested cups, $7.50*

STANLEY
SUPER VAC
VACUUM BOTTLE

Sixth Annual Convention

(Continued from page 28)

had been requested to head the Foundation, had accepted the duty, and on top of that had pledged $10,000 personally to the fund. Mr. George M. Seaman, Chicago, national director and formerly executive committeeman and long a friend of the League, pledged $10,000 more. A third $10,000 was pledged by Mr. R. M. Eastman.

David Madsen, Utah game and fish commissioner, told of the plight of the wild ducks in the Bear River Marsh area, and discussed remedial measures now before Congress.

Lewis Radcliffe, Deputy U. S. Commissioner of Fisheries, was represented at the Convention by L. K. Chamberlain, Director, Fairport Laboratory, Fairport, Iowa, who read his paper on "Husbanding Our Fish Supply."

Following this talk, the nominations committee announced that it was ready to report. The report was accepted unanimously by the convention, and all of the officers were vociferously elected as presented by the committee. The nomination of Dr. Ward was seconded by Judge Dickinson, and there immediately followed so many more that it was impossible to follow them. The secretary was authorized to cast a unanimous ballot for Dr. Ward, and the same action was subsequently taken for the rest of the names presented.

In the afternoon W. Gard Conklin, chief of the bureau of refuges and lands of the Pennsylvania Game Commission, discussed the future refuge plans of Pennsylvania, and told how his state had made the refuge-shooting ground idea of game administration such an outstanding one in America, now the pattern for dozens of others.

Oregon's success with the Hungarian partridge was explained in a paper prepared by Harold Clifford, State Game Warden of Oregon. This state is said to be the only one which has succeeded in raising these game birds in captivity and then liberating them.

South Dakota's experiences with the ring-neck pheasant were explained in a paper prepared by Oscar H. Johnson, game and fish commissioner of that state.

Convention committee reports were the next order of business. The substance of the resolutions committee report are given elsewhere in this article. The report of the Will H. Dilg Memorial committee was not given because of the lack of a quorum of that committee.

Chicago was unanimously selected as the convention city for 1929. Invitations from a dozen other cities were withdrawn in favor of a return of the convention and show to Chicago for 1929. It was the general feeling that the Convention would again leave Chicago in 1930.

The Sixth Annual Banquet in the ballroom of the Fontenelle, given by the Omaha chapter, was a colorful affair. The room was brilliantly decorated, and dozens of brightly hued balloons floated in the air. Dances, songs and music enlivened the banquet.

Cullen N. Wright, Scottsbluff, Nebraska, and Arthur Hawkes, of Toronto, were the speakers. Judge Dickinson was toastmaster. The talks were broadcast over WOW from the speakers' table. Motion pictures were shown following the talks.

The message brought by Arthur Hawkes was of the utmost significance. He made a strong plea for the establishment of the Superior-Quetico international recreation area, from the viewpoint of a Canadian.

Mr. Hawkes had worked for years on the idea of just such an area. It was he who was largely responsible for the original creation of the two preserves, and it was an international park that was even then in the offing.

The banquet ended the convention.

They Ate Spokane Salmon

Those who attended the annual banquet at the Walton League Convention at Omaha had the opportunity to find out what real Washington salmon trout is like when it comes fresh from the water.

A total of 1,500 pounds of this delicious fish was shipped to Omaha by the Heideman chapter, Spokane, under the personal escort of Thomas A. E. Lally, Secretary of the Chapter.

Three of the fish, all of them whoppers, were frozen solid in a cake of ice and displayed before the speakers' table at the banquet. The balance were made into delicious broiled steaks which gave the diners a fresh insight into the gustatory possibilities of fish.

The salmon that was not consumed by the hungry Waltons was distributed to five orphanages the next day.

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Whatever you do, don't forget Pillsbury's Pancake Flour on your next trip. And be sure you have *plenty*. Buy it by the package or the case from grocers who know what men like.

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Two feature models: No. 2, with Built-in-oven, U. S. Price $12.50; No. 9, (shown below) without oven, U. S. Price $9.00.

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TRACK COLLECTING

by RUSSELL AITKEN

HAVE you ever gone tracking or trailing? Of course the majority of sportsmen have. Can you tell the difference between the tracks of the 'possum and those of the raccoon, or between those of the cat and those of the skunk? And are you positive that the muskrat tracks you see are not mink tracks? Lastly, have you ever *collected* any of the tracks you have found? If not, there's a lot of interesting sport for you left along the streams and in the woods.

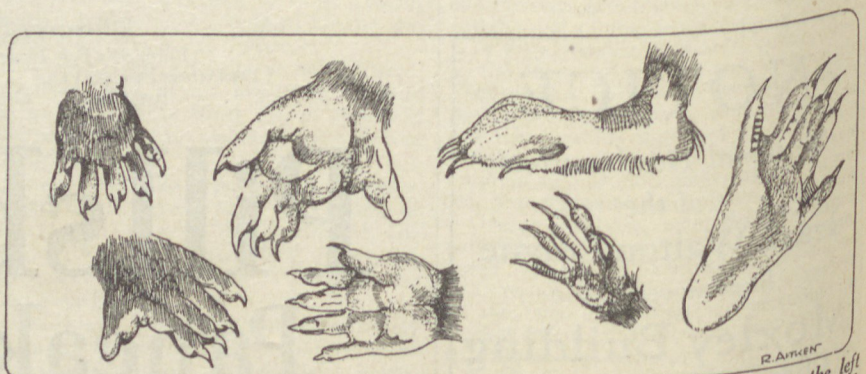
The study of animal tracks is an intensely interesting type of nature research work, and any sportsman who has the slightest woodcraft instinct can soon learn to find and know the tracks of furbearers and game animals in his vicinity.

With the exception of the dog and wolf, and a few of the members of the cat family, the tracks of no two species are alike. Not only this, but no two individual animals of a species will leave the same trail. Each animal has certain characteristics which are recorded in the tracks. To the tyro in the wildcraft game, all tracks seem similar. Then, after careful study into the matter, he begins to recognize types. He finds that the common cat leaves a trail in which the tracks are more or less in a straight line, and that in each individual track the cushions of the toe pads are shown, and that the claws are not extended when walking. On examining the trail of his dog, he finds that it is accustomed to dragging its claws, for the dog cannot draw back his claws as can the cat. In studying the trail of the muskrat, he finds that the mark left by the dragging tail is just as important as the tracks themselves, and if he is lucky enough to find a perfect set of tracks, he learns that the hind foot of the little rodent is webbed, and that the toenails are but hollow shells. He learns that the front paw of a raccoon is similar to a tiny baby's hand, and he discovers that the possum has a huge, conical thumb on his hind foot. He finds that the beaver, like his little cousin, the muskrat, also has webbed feet. Little by little he begins reasoning out just *why* they have these characteristics. The muskrat and beaver, being aquatic animals, need the web between their toes to aid them in swimming, just as the human must close his fingers together to afford enough drive to send him through the water in a race. The tyro also discovers that the possum needs his prehensile toes and snaky tail for climbing and holding onto branches. He finds that it is customary for every good raccoon to wash his food before he eats it, and that his almost human hands make this possible.

There are just a few ways of collecting tracks. Not all of these are dependable. As an example, I shall tell you how, when I was "knee-high to a doorstep," I started collecting tracks. Armed with a cigar-box and barlow knife, I would wander along a tiny stream, eagle eye peeled for tracks. At the time, the animals were plentiful enough so that they obligingly romped all over the edge of the stream, leaving pretty paw-pictures in the soft clay. Then along came little I, armed with trusty knife. Pouncing upon any good track, I would cut the square of clay containing it, and place it carefully in the cigar box. Ha! Another page added to the mud-album. This method seemed all right for a while, and then I began meeting with difficulties. The tracks that I had collected first were already crumbling. The fresher ones were drying and cracking so as to render the track indistinguishable. And so I finally abandoned that early method. I had learned a lot about tracks through the experience, but had no results to show for it. But, as I have said, I was but knee-high to a doorstep then, and now I'm six foot two, and in my later years have turned to more practical methods for collecting and preserving tracks.

I have collected some sets of tracks by drawing them on paper, just as I saw them. I secured some very nice sets in this manner, but at best this method is impractical, for one has to be an artist to make a presentable sketch, and not only an ordinary artist, but a careful one. And it really takes a great deal of time to make an accurate sketch of a set of tracks, for proportion, relative distance between front and hind foot, length of ordinary stride, and such things must all be considered.

Another method of collecting is the use



Note the difference in characteristics of the feet of these two animals. The four on the left are of an opossum, a climbing marsupial, while those on the right are of a muskrat, which is an aquatic rodent.

of the camera. For photographing tracks, only the faster anastigmat lenses will do, for sharp definition is an absolute necessity. Portrait lenses are also quite desirable, unless the camera is of a long-focus type. The best kind of camera for this work is the type equipped with a ground glass back or top for focusing. For best results with these cameras a tripod-head such as the Duotar is necessary. This fits on the head of the tripod and renders it possible to place the camera in any position, at any desired angle, and has clamp screws to hold it so. Anyone who has had frantic struggles trying to get a tripod solid enough to photograph some object almost beneath the camera will understand just how useful a head of this type is. The best pictures of tracks will be made when the sun is shining, for then the light will cast enough of a shadow to make the track stand out sharply in the negative. A color filter may be used on tracks in the

Pouring the plaster into the mould.

snow to give greater contrast. When taking the picture, the lens should be stopped down to about the smallest stop, and a fairly long exposure given, depending upon the speed of the lens. Do not attempt a picture of this sort unless the camera is mounted on a tripod. To photograph a single track, this may be best done with the tripod head referred to, by photographing almost directly down on it. If a great many tracks are to be included, such as a trail, the camera must be placed quite close to the ground, and the focusing should be done on a track about a foot distant from the camera, and the lens stopped down. So, you see, this method too is limited, for only those with the more expensive cameras can secure the best results. Also light and weather conditions are often against photography. So I'll explain the method which I think the most practical of all for collecting tracks, and it's the cheapest in the long run.

This method involves the use of ordinary plaster, which can be bought at any drug store for about ten cents a pound, and a pound goes quite a way. The other material is easily available. The whole procedure is nothing more than making a plaster cast of the track, but as not everyone is familiar with casting, I will explain the method. Two jars, such as ordinary pint fruit jars, will be necessary; one of these is to carry the dry plaster, and the other is for mixing the solution. A stirring paddle may also be carried, but a twig or stick may usually be found near where the track is to be collected, which

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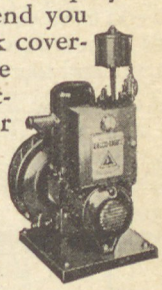

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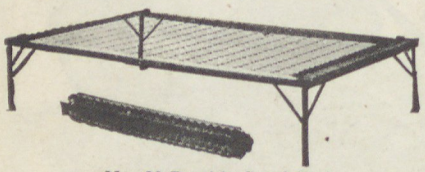

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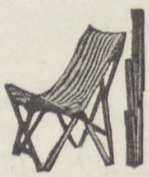


No. 3 Folding Tourist Chair

Skunk tracks in the snow.

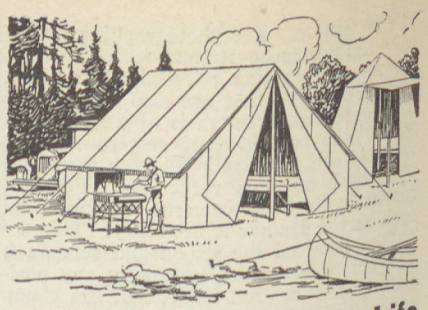
will serve the purpose. You will need some sort of material to fence the track in for the cast, however. You see, the track must be boxed in so as to confine the plaster when it is poured. Small boards glued together in the shape of a rectangle will serve the purpose. I find that ordinary glass slides, about the size of a lantern slide are very handy for this purpose. They may be pushed into the mud and plugged with clay down the corner joints to make the boxlike form, and they are easily portable. I have also used ordinary flat salmon cans with the bottom cut out for a mold. Be that as it may, whatever you use for the mold, the sides of the interior must be greased with vaseline to prevent the cast sticking to the walls.

The entire casting outfit may be packed inside a small knapsack, and then you are ready to start collecting.

Strike out for the nearest creek and locate a fairly perfect set of tracks, if such a thing exists. Coon, mink, and muskrat tracks can usually be found in the soft clay that borders the streams, during spring, summer, and fall months, and after thaws in the winter. Having found a suitable track, proceed to collect it in the following manner:

Place a frame of correct size around it, and push the mold down into the mud to prevent the plaster from running out under the bottom edge. This completed, get out your jars, plaster, and stirring paddle. Put a sufficient amount of plaster—about three or four tablespoonfuls, in the empty jar. Add water until it has the consistency of thick cream, and stir the mixture thoroughly. Pour this into the mold, completely covering the track, and then wash out the mixing jar, for the plaster hardens quickly. About two hours will be sufficient for the plaster to harden in the mold, but, taking no chances, I let mine set overnight, and in the morning the plaster is as hard as a rock.

Negative cast of front foot of raccoon.



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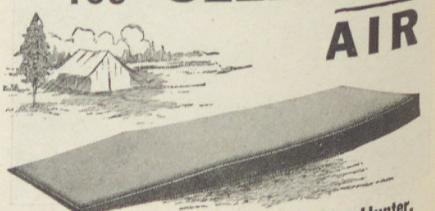

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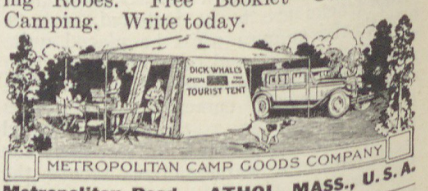

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When the plaster is hardened, remove the frame from around it and wash the cast in the creek to remove any sand or mud from the surface of the track. If the track was very sharp originally, you will find that the track on the plaster stands out just as the bottom of the foot of the animal would look. This is your negative. To get a positive print, that is to say, to get a track which goes down into the plaster just as the original looked, place your negative on a board, vaseline the surface thoroughly, especially in between the toes of the track, and pack soft clay all around the side of the cast. Then build your frame of the glass slides right around the cast, just as it was built originally. The bottom of the slides can be pushed into the clay, and the corners of the frame held together with clay. Now pour your plaster over the negative cast, till it is about a half-inch thick and let it harden. When it is finished, you will have a hard plaster cast which is exactly like the original track was, and it's permanent. Try to get a perfect front and hind foot track of every species in your locality, and you'll have a valuable den exhibit of which to be justly proud.

The Rifle Club

Plenty of Sport for Izaak Walton League Chapters

Edited By R. H. Nesbit

NEW IZAAK WALTON LEAGUE RIFLE CLUBS

THE Colton Izaak Walton League Rifle Club at Colton, California, was organized on March 20th, 1928, with a splendid list of thirty-five members. They have an outdoor range of 400 yards now under construction. They will welcome any club mail matches and if any of you rifle club secretaries wish to arrange one address Mr. W. T. Garrett, Secretary, First National Bank, Colton, California.

The officers are: Walter A. Pfunder, president; George Archibald, vice-president; W. T. Garrett, secretary-treasurer and executive officer.

* * *

March 22nd, 1928, the Tiffin Izaak Walton League Rifle Club of Tiffin, Ohio, organized with a charter list of fifteen members. If any club wishes to arrange a match address Henry P. Willoughby, secretary, 340 Water Street, Tiffin, Ohio.

The officers are: Claude Stofar, president; Ferdinand Mueller, vice-president; Brooks Peters, executive officer; Melvin Vogt, treasurer, and Henry P. Willoughby, secretary.

* * *

FOREST PARK HAVING RAFFLE TO SECURE CLUBROOMS

J. W. PILKINGTON, the hustler of the Forest Park Chapter has gotten together a beautiful fishing kit that any fisherman would gladly give his right eye for and it is to be raffled off the 27th of May on the skeet grounds. Mr. Pilkington was in the office the other day with a stack of tickets about four feet high looking for business. When asked what he would do after he had sold all of the tickets he naively replied that he would have some more printed.

The object of the raffle is to provide headquarters for the chapter and clubrooms for the Rod and Gun club of Forest Park. There are almost four hundred members

Everywhere Friend Sun takes his toll

Be ready for sickening sunburn

ON any happy summer trail, be it on land or water—of course, Unguentine. Be sure a tube is in your kit.

Unguentine soothes the pain of sunburn instantly, heals, protects. Apply it at the first redness. You won't blister, you won't sicken, you won't lose the glory of a single hour.

Anywhere outdoors, here's real first aid for cuts, burns, and scratches. At your druggist's 50c. The Norwich Pharmacal Co., Norwich, N. Y. Canada—193 Spadina Avenue, Toronto.

FREE—a trial tube

The Norwich Pharmacal Company, Dept. DS-6 Norwich, N. Y.

Please send me a free trial tube of Unguentine and "What To Do," by M. W. Stofer, M. D.

Name.....

Address.....

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25 lbs. ice keeps food and drinks cold. Bring home fresh fish. Built to last. Dust proof. Write today for details on DUPLEX Auto Ice Box, Camp Cook Kit and Fireless Cooker and name of dealer. Address Dept. D—

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80 pages chock full of information—how to camp, pack, cook, etc.—sent FREE by New York's leading camp outfitters. Everything from a tent peg to a trailer. Standard equipment, very specially priced.

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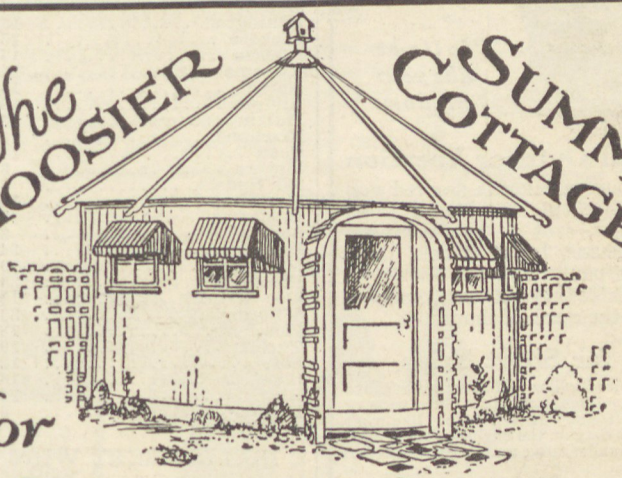
The HOOSIER SUMMER COTTAGE for



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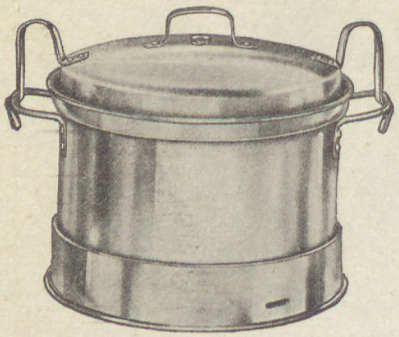

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Mfgrs. High Grade Aluminum Kitchen Utensils

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"follows like your shadow."

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A real outdoor vacation is assured you with the convenient, economical Dean Service Trailer, sent to you complete with steel chassis, body, wheels, tires, hitch and tarpaulin top for $69.50—a remarkable value that puts the great outdoors within the reach of thousands.

Ideal for Short Trips

The Dean Service Trailer will carry all baggage and camping equipment on short auto trips or more extended tours. It will follow like your shadow without drag on the engine. It will positively stand up under usage and give satisfaction.

Other Auto-Kamp Models

For those who desire a greater degree of comfort, however, the Auto-Kamp Model No. 4 should be investigated. Here is a complete touring home, equipped with real spring beds, mattresses, pillows, table, stove, rain proof, bug proof tent, ice box, provision container, electric lights, etc. This model sells for $345.00 and has been enthusiastically endorsed by all who have used it. Other models from $39.50 to $390.00. Write

AUTO-KAMP TRAILER CO.
7526 Sheridan Ave., Saginaw, Mich.

in the Forest Park Chapter now. They attribute their rapid growth to skeet shooting as sponsored by the League. It is only three months ago that they had less than fifty members.

Sunday, April 22, was a big day for the Skeet shooters of Forest Park Chapter who belong to the Forest Park Rod and Gun Club. On that day they met Morton Grove to compete for the Illinois Championship Skeet Cup 1928, donated by the business men of Forest Park, for the encouragement of skeet. Morton Grove won the match and the scores were as follows:

MORTON GROVE

	Av. score
Peschke 22, 23, 22, 24	91
Muller 22, 16, 18, 24	80
Wheeler 19, 25, 22, 24	90
Fueber 19, 20, 21, 21	81
Harms 22, 23, 25, 18	88

FOREST PARK

Nielsen 16, 19, 21, 18	74
Andree 22, 22, 19, 21	84
Martin 16, 17, 22, 17	72
Klemme 19, 19, 19, 20	77
North 21, 22, 18, 21	82

During the match, Wheeler and Harms, both of Morton Grove, shot a possible 25. These men are both old shooters and have long been members of the Twenty-five Club.

Two weeks ago Nielsen of Forest Park shot a perfect "25"—the twenty-fourth man in the county to do so and incidentally the first Waltonian, as far as we know, who has done so.

Before the tournament a small loving cup was offered to the person who took the best set of pictures of the shoot and of the teams and cups. Mr. Pilkington must have gotten out early in the morning because he won the cup.

Here are some of the scores made by the Forest Park Rod and Gun Club April 22. Anyone can tell after looking at these scores that life is not all beer and skittles. These boys are all good men at shooting and if the gentle reader will but glance at some of the scores he will see why skeet has taken such a great hold and see where the interest is. Perfection in skeet is a pretty hard thing to reach.

Lauch	13	16	14	13
Einfeldt	20			
Pilkington	13			
Diebold	15	11		
Nielsen	15	18		
Klemme	21	21		
North	15	16		
Andree	16			
Martin	18			
Kocmond	18			
Coan	10			
Meyers	8			
Ed Budack	8			
Karsten	14	11	13	
Buettmer	5			
Schass	2			
Harms	24			
Mueller	19			
Peschke	23			
Doc Warner	18			
Wheeler	23			
Huscher	18			
Tueber	19			
Sias	12	4		
Sheehas	16			
Rice	16			
Rollins	5			

BOB LIMBERT WINS MATCH

ONE of the high spots at the Convention at Omaha was the pistol match between Bob Limbert, Boise, pride of the Sawtooth mountains and Fred Palmtag, pride of the Omaha police force, at the Sportsmen's Show on the evening of April 18th. This was a strip shooting contest in which each contestant forfeited an article of clothing whenever they lost a shot. Limbert won by two points—a suspender button and one shoe.

While the spectators laughed, cheered

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That's all the time it takes to set up a DOUGLAS FEATHERWEIGHT, just three simple moves to make. Top is made of the finest O. D. khaki possible to manufacture, regardless of price. One single unit, no loose parts. Open, measures 48"x76", closes to 4x7 by 48"; weighs only 42 pounds packed in carton for shipping.

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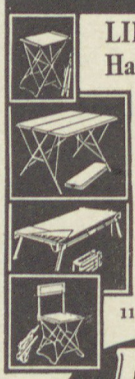

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See LINCOLN equipment and LINCOLN Auto Kitchenettes at your dealer's—or write for new, free, beautifully illustrated catalog!

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"The Tourist's Favorite"
Folding Furniture

WOLVERINE SANITATION EQUIPMENT

For suburban homes, lake cottages, resorts, clubs, etc.

Give your family the same protection as they enjoy in a city home. Proper sanitary toilets are now possible outside the sewer limits.

For fifteen years Wolverine toilets have been filling the need of unsewered districts. Prices range from $38.75 and up.

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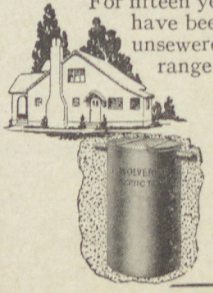

DAIL STEEL PRODUCTS CO.
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LANSING, MICH.

and poked fun at the contestants, the two blushingly removed their clothing a piece at a time, as first one, and then the other scored. Palmtag drew first blood with a bull's-eye from both of the pistols, and hats, shoes, jackets, collars, ties and other haberdashery were strewn on the floor. Limbert proved the better strategist. As Palmtag scored a perfect hit and demanded Limbert's suspenders, the latter solemnly took them off, at the same time revealing the presence of a belt.

At last, when it seemed that the advertising propaganda to the effect that the loser would go home in a barrel would be fulfilled, Police Captain Bert Thorpe, one of the three judges, stopped the match. Limbert, although sans shirt, coat, vest, hat, shoes, collar and tie, was awarded the contest by a margin of two points by the judges, Captain Thorpe, Claude P. P. Fordyce and Jack Vermehren. Palmtag also had surrendered many articles of wearing apparel, but managed to retain his shirt.

Following the match Limbert staged an exhibition of fancy shooting and this he continued on the auditorium stage every afternoon and evening of the Show. He also gave instructions in trick shooting to those interested. Pistol experts present declared that his exhibition was one of the most masterful they had ever seen.

Limbert also acted as umpire at the rifle matches open to the public which were conducted by the Omaha American Legion boys on April 20th.

THE prize winners of the Rifle Match held on the auditorium stage during the Sportsmen's Show took home a nice aggregation of prizes. This match was run off through the courtesy of the American Legion Rifle Club of Omaha, who were good enough to supply rifles, targets and backstops and who also handled the shooting match to the enjoyment of every one at the Convention.

Mr. Wm. A. Haggen of Omaha, won first prize—an Ithaca shotgun.
Mr. O. A. Frantzel of Wisner, Neb., won a Coleman camp stove.
G. M. Norregard of Omaha, won a Basford camp stove.
L. H. Dawson of Omaha, won a Kampkook stove.
W. J. Dolphn of Omaha, won an Aluminum Camp Kit.
V. E. Hall of Omaha, won a pair of Converse boots.
D. W. Mann of Council Bluffs, Iowa, won an Evinrude camp stove.
C. E. Turpin of Omaha, won a Deer Foot wall rack.
C. G. Singer of Omaha, won a Gold Medal chair.
Ernie Peterson of Missouri Valley, Iowa, won a Hickory book rack.

The other winners are:
E. F. Hart, Edgar, Neb.
H. E. Bughahn, Omaha, Neb.
H. R. Jonding, Omaha, Neb.
D. V. Tripp, Council Bluffs, Iowa.
H. Nell, Council Bluffs, Iowa.
J. E. Pattin, Omaha, Neb.

Sixteen prize winners! There were two possibles in the match.

The scores were:

Wm. M. Haggen	40
O. A. Frentzel	40
G. M. Norregard	38
L. H. Dawson	36
W. J. Dolphn	36
V. E. Hall	36
D. W. Mann	35
C. E. Turpin	34
C. G. Singer	33
Ernie Peterson	32
E. F. Hart	31
H. E. Bughahn	30
H. R. Jonding	30
D. V. Tripp	29
H. Nell	29
J. E. Pattin	29

THE RIFLE CLUB,
"Outdoor America,"
Clinton and Randolph Streets, Chicago, Ill.

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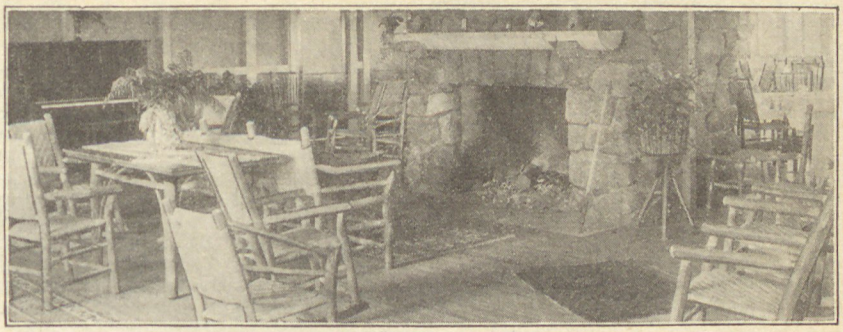
In Nature's Fairest Haunts



Rustic Hickory Furniture keeps company with Nature's finest fellows, in Nature's fairest haunts. You will find this unique furniture in the best resorts and summer homes, the most famous country clubs and lodges; by singing river, placid lake, or roaring surf—indoors and out.

Its natural beauty, supreme comfort, and lifetime durability make Rustic Hickory the most popular summer furniture. It is hand-built by craftsmen from the choicest second-growth northern hickory—the bark left on and the knots smoothed off.

Or, if you prefer, you can now secure Rustic Hickory Furniture in snappy color combinations, to harmonize with your awnings or paint job, or to suit your own individual taste.

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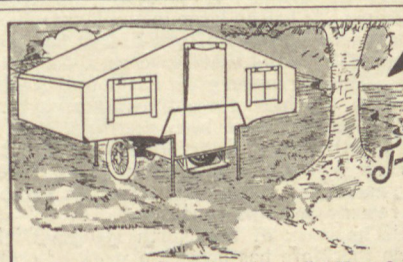

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Folds quickly and compactly; perfect safety hitch for any car.

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Fishing Waders

WILL help you land the bigones. No sloshing around in clumsy, uncomfortable rubber boots to scare the fish. Keep dry and comfortable. Zephyrweights are light, waterproof, durable. Write — NOW — for full information to

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The pygmean (3/8 to 3/4 inch) Agate and Jasper Arrow Heads of Oregon and Colorado are the elite among Relics of the Stone Age in Archaeology. Have sold many thousands during 43 years of Mail Order Curio Trade, and have 5,000 now in stock—all genuine finds along streams of water. Large trade in these matchless tiny beauties with Advanced Collectors and institutions. Sent on selection to those known and strangers giving good reference. Postpaid and insured one way. If you do not buy it is worth the little cost just to look at them. Mostly 25c, 50c, and 75c, many $1.00 to $1.50. Rare barbed and stemmed $2.00 to $5.00 each. No finer stock for sale in the U. S. "Not How Cheap but How Good." Ill'std Price List free of every sort of Ancient flint, slate, and Stone Relic ever found. State whether *common, medium, fine,* or *high class,* are wanted.

Also Price List free of all Buckskin Bead Work, Weapons, and Eagle Quill Work of our Sioux Indians—Wholesale and Retail, 44th year.

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Now you can prepare for that week-end trip knowing that each meal will be as delicious as if served on your table at home. Fresh food—cool drinks—tasty sandwiches—milk, butter, eggs, meat as fresh and salads as crisp as if just taken from the ice box.

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Would you troll for *bass in a bucket?*

Simple Simon, trying to catch a whale in a pail, was no more ridiculous than the modern fisherman who thinks he must be uncomfortable when he "roughs it." Sportsmen everywhere are welcoming the new Airubber devices for outdoor comfort and safety. Mattresses, cushions, safety floats—now you can get them all—tough, durable, *and practical!* Compact and handy to carry, you can inflate them quickly anywhere with your own lung-power. Ask your sport goods dealer about them. Every modern sportsman wants to see the interesting new Airubber catalog. Send the coupon for your free copy now!

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What They Said

(Continued from page 32)

"IN Northeastern Indiana lies a partially drained swamp. This swamp, in what was known as the Wabash River bottom, covered many hundreds of acres and in the old days was an impenetrable jungle. A couple of decades ago drainage of this swamp was started and partly accomplished, the hope being that desirable farming land might result. It was in the 80's that a woman fell under the spell of the wonders of this remarkable place. She built a cabin within an eighth of a mile of it. In this swamp, with camera and other paraphernalia, she penetrated day after day, courageously and fearlessly, in an effort to learn its secrets.

"Today, a movement has been inaugurated in Indiana, under the auspices of the Izaak Walton League, to bring back that swamp. The setting for a beautiful park is there. The swamp I refer to is the Limberlost, and the woman who penetrated it is our own Indianan, Gene Stratton-Porter. By May a survey of that swamp will be in progress, under direction of the Indiana Division of the League, to determine whether or not it can be restored."

CHAS. L. BIEDERWOLF,
President Indianapolis Division.

"THE North Dakota Division of the League is still in its embryo stage. Organized less than a year ago with thirteen chapters and about five hundred members, it has today thirty-six chapters with over two thousand members.

"North Dakota is peculiarly situated among the divisions in that its great outdoors consists almost exclusively of vast fields of grain. It possesses no trout streams. It has no large inland lakes which abound in all kinds of fish life; it has few beautiful forests that serve as a decoy to the wanderer in the great out-doors. North Dakota did have these things forty years ago, but they have been destroyed.

"North Dakota therefore has through its Izaak Walton League and through other organizations in the state set about to find a remedy for this condition.

"The work of the North Dakota Division therefore has become a work of creation rather than a work of preservation. We must attempt in some manner to give to the people of our state those things which nature had provided for us but which we in our blindness have seen fit to destroy. We realize that the work which we must do is perhaps too big for our division alone, and that we must enlist the support of the national organization in order to accomplish it."

S. W. THOMPSON,
Secretary North Dakota Division.

"THE Missouri Division is at this time going through a period of reconstruction, the present officers having taken office just six weeks ago. We intend to make the Division a strong, substantial structure that will stand up against and fight back at any of the enemies of the conservation of our wild life, fish and forests and those that pollute our streams, making them a menace to fish life and health.

"We are at this time very actively engaged in a state-wide membership drive, headed by Mr. Barratt, Joplin Mo., Chairman. One chapter in a week's drive increased their membership 115 per cent. We hope to grow in a steady way from now on and with the increased strength we will have increased power and influence for good conservation work."

DR. J. PAUL PRICE,
President Missouri Division.

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Most valuable friend on any trip, camping, vacation. Antiseptic, healing lotion. ZEMO relieves rashes, itching, eczema, bites, stings, bruises, cuts, scalds, prickly heat, poison ivy. *Fine for mosquito bites!* Ask your druggist for a 35c trial size or the extra large bottle for $1.00. ZEMO is recognized everywhere for its cleansing and healing properties in skin and scalp troubles.

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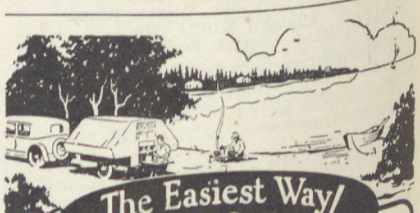

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"ONE primary and all-important thing we Waltonians of Ohio mean to strive to secure next Winter when our Legislature convenes is a Conservation Commission modeled after the New York, Pennsylvania and Michigan plan. We want a Non-Partisan Board clothed with administrative authority over our forests, our waters and our wild life.

"We have touched the Conservation Conscience of Ohio. An intelligent citizenry has been aroused to the gravity of the need. The word all along the line is 'Forward'."

JOE E. PFLUEGER,
President Ohio Division.

"OKLAHOMA'S first chapter was organized five years ago. Present strength 214 chapters, and 6,000 members.

"Primary accomplishment, passage of the Fish and Game Bill, and since then all of the work of the Division has been in the closest co-operation with the Fish and Game Department, and the State Forestry Department—all working toward the same end. All wardens and rangers are League members.

"In co-operation with these departments, the Oklahoma Division has organized and stocked sixty major preserves, 285 secondary preserves, fifty-two miniature fish hatcheries, and four large state hatcheries. One national hatchery is projected.

"The miniature hatchery work has been developed to such an extent that from a single hatchery as high as 615,000 one-inch bass have been produced in one year.

"The prevention of forest fires, the planting of trees, boy and girl educational work and essay contests are being actively promoted. The Division organized throughout the state a boys' day, when each member took a boy or several boys for an outdoor trip. It is the claim of the Oklahoma Division that in O. P. Slack, Atoka, member of the Fish and Game Commission, they have the first man to ever establish a successful miniature hatchery."

JUDGE FRANK B. BURFORD,
Of Oklahoma.

"THE New York Division has to a very large extent dispelled in the minds of the people the mistaken idea that the League is just an ordinary fish and game club and there is now firmly implanted in the minds of the people of New York state the all-important fact that the League is the one big conservation movement of the country—committed irrevocably to national and state programs of real conservation—committed to an endless fight for the cleaning up of our waters.

"The state division sponsored at the last session of the legislature a drastic anti-pollution bill. This bill had teeth in it. It passed the Senate unanimously but was defeated in the assembly after one of the stiffest fights ever put up by a loyal body of conservationists. It was defeated in committee. Although the bill was lost, the fight was won. The people of New York state have been awakened to a realization of conditions and the fight has just started. *The waters of New York state shall be clean.*

"The New York Division has grown in eighteen

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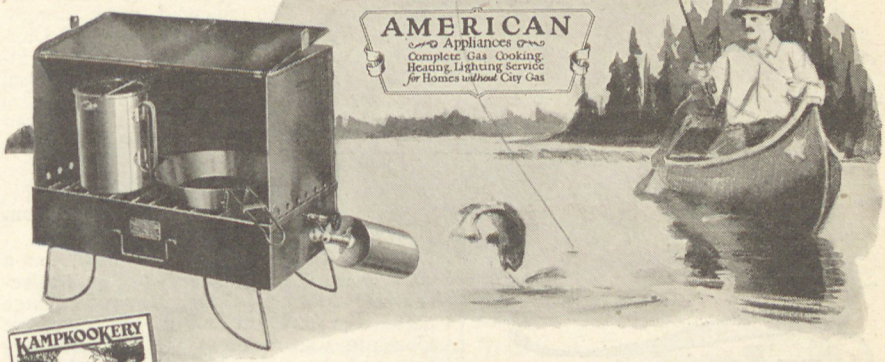

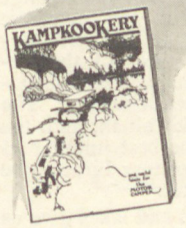

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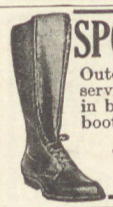

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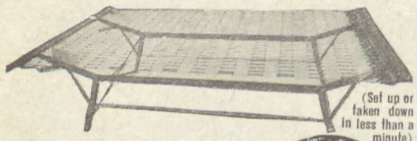

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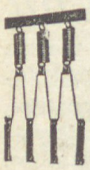

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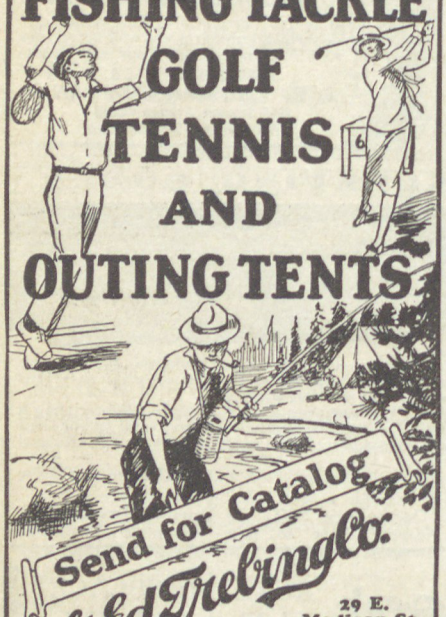

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"BEING one of the young or baby divisions of the League, it naturally follows that the Kentucky Division has no extensive history.

"In 1926 the National Headquarters sent a representative of the League to Kentucky for the purpose of perfecting a state organization. The splendid work accomplished by Mr. Louis E. Hodge of Danville, Ill., is a tribute to his ability, industry, and inspiration. The first annual state convention of the Kentucky division was held in January, 1927. The convention was a great success, having almost 100 per cent attendance of delegates."

J. QUINCY WARD,
President Kentucky Division.

"ARKANSAS, the 'Wonderstate,' has a great deal of undeveloped natural resources. With the Ozark Mountain Range across the northern half of the State, the Ouachita Range across the southern portion and the wide rich valley of the Arkansas River between them, one finds almost any kind of country one wishes. The lakes, rivers and rice fields all through the eastern portion afford the best hunting of ducks, geese and all migratory birds to be found in the United States.

"The mountain streams and lakes give us the finest fishing of any state—Black Bass, Crappie and Brine are plentiful.

"The mountains and forests still have much wild life—deer, wild turkey and a few bear are still to be found, so that our work in Arkansas is one of conserving rather than rehabilitating.

"The Izaak Walton League is becoming well established throughout the state. We have established fish hatcheries, game preserves and have adequate laws for the protection of our game. Education of the masses to the principles of the Izaak Walton League is our watchword and the state will become one of the greatest strongholds of the League.

"The bill now pending before Congress to establish the Ouachita National Park, consisting of some 160,000 acres of beautiful mountain ranges, seems certain to become a law. Waltonians everywhere—state organizations as well as the National headquarters—are hereby invited and urged to lend their assistance toward that movement."

DR. C. E. LAWS,
President Arkansas Division.

"IN days agone the conservation and protection of Michigan's forests, lakes and streams, and her wild life, was considered a matter which only the sportsmen should worry about. But through the efforts of the Izaak Walton League our people are beginning to realize that conserving our natural resources is the businessman's business quite as much as it is the business of the sportsman.

"For more than a quarter of a century the people of Michigan have been holding post-mortems over the blackened stumps which represent the remains of what was once the most beautiful forest the world ever saw, and lamenting the fact that Michigan was overburdened with so many acres of so-called waste land. Meantime upwards of five and one-half million of tourists came into Michigan during the year 1927, to roam over those so-called waste lands and to enjoy the beauty of our thousands of lakes and hundreds of miles of rippling streams, to fish and to hunt, while in the State they spent with our business and professional men upwards of three hundred millions of dollars.

"Under the guiding hand and influence of the Michigan Division of the Izaak Walton League our broad acres shall be reforested, the pollution of our lakes and

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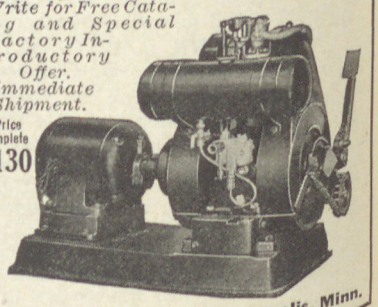

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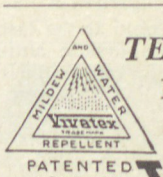

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streams shall be stopped, the wild life shall be protected and brought back to at least a fair percentage of their former numbers. Michigan's wonderland of recreation and pleasure shall be maintained and passed on to the generations yet to come."

H. A. SAVAGE,
President Michigan Division.

"IF we are to have better outdoor conditions in Nebraska the big majority of people who seek their recreation in the outdoors must get behind a program of restoration, and if particular attention is not given in this state we are going to find our outdoors completely destroyed.

"We must have a refuge system that is properly controlled and maintained, indiscriminate drainage stopped, pollution eradicated and more trees planted throughout the entire state."

F. J. BRADY,
President Nebraska Division.

"THE first chapter organized in Iowa was on June 22, 1922, at Osage. We organized a State Division with eleven chapters and Judge George W. Wood was our first State President. He filled that office for three years. At his retirement we had 172 chapters. We now have over 200 chapters. We expect to add at least 10,000 members in the next twelve months.

"In the last three years we have changed public sentiment from a point of sheer neglect to one of extreme activity against the polluting of our streams. We met and formed the Cedar-Shellrock Anti-Pollution Committee two years ago in order to fight the pollution of the stream at Mason City by the sugar factory. It has been a hard battle, but public sentiment is all we ask, and by doing the right thing with unselfish motives and leaving all narrowness out of our operation we hope to succeed."

A. C. WILLFORD,
President Iowa Division.

"THE greatest accomplishment of the Izaak Walton League in South Dakota was the pressure of influence brought to bear at the last session of the legislature at which time the Izaak Walton Bill was passed. This bill created a non-political game and fish commission consisting of six members who have entire jurisdiction over all matters pertaining to fish and game.

"Chapter after chapter has come to the front in accomplishments in line with our program of conservation, but the one outstanding effort was made by the Sioux Falls Chapter. With the united effort of their membership and officers they prevailed upon the city of Sioux Falls to install a $700,000 sewage disposal plant. This step will soon restore the Sioux River to its natural condition and has improved the sanitary conditions around the city one thousandfold.

"An outstanding activity in South Dakota has been the work of the Spearfish chapter in promoting essay contests in the public schools. I believe these contests present the best and most effective means of education we have.

"At present we are close to five thousand strong in South Dakota. Most of the representative towns of our state have a chapter of the Izaak Walton League. I am sure that if present plans are carried out I can report to you by next convention date a state division of 15,000 members."

W. T. HUXTABLE,
President South Dakota Division.

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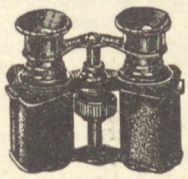

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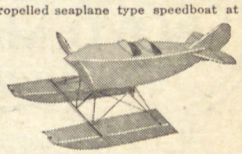

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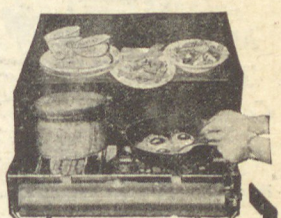

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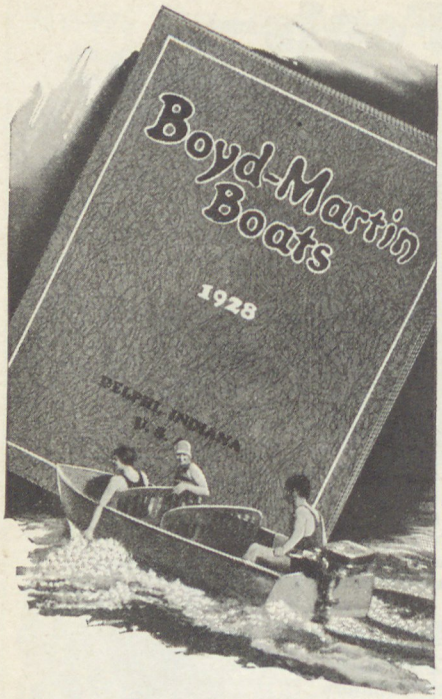

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Outboard Motors and Small Boats

Edited by PAUL BURRESS

A Fishing Cruise on the Myakka

"OUR little motor takes to this brackish water like a sea duck." The answer came in the scream of the reel and I turned in time to see a glistening animated object burst from the water behind and shoot six feet into the air. "What in the world have you, Ivar?" "We'll find out in a minute. Quick, shut off the motor and man the oars or we will lose him." Excitement instantly jumped to a peak as I reached for the remote ignition control and fumbled for the oars which seemed to be twice their length and under every bit of duffle and rope and paraphernalia in the skiff.

"Hurry, for the love of Pete, hurry!" shouted Ivar as the big fish made the second leap many feet into the air with twisting body, madly shaking head and vibrant flapping gills. The tropical sun reflected a myriad of colors from the spray and the armor-like scales glistened like so many huge diamonds.

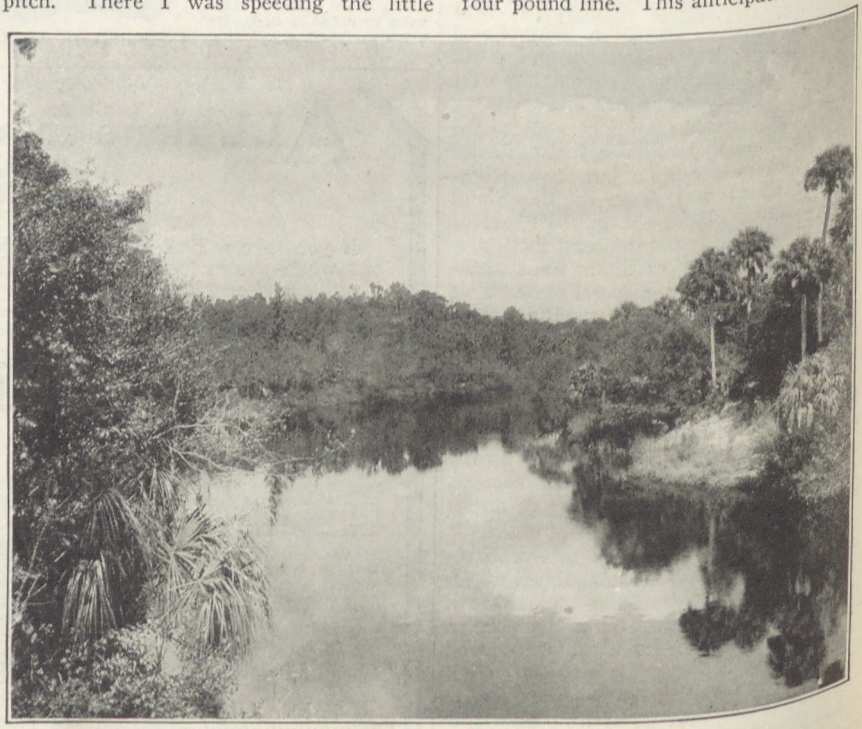
It was a tarpon—the Silver King of the salt water and,—our first experience with the sportiest of salt water fish. Our tackle was light as we little expected to tie into one of these fast messengers of the deep where we had been trolling for snook and sea trout as the natives call them.

Ivar's reel held only about one hundred yards of twelve thread line and after the second leap, the tarpon started up the river like a shot. Realizing that a set of oars are not sufficient for such a tackle and fish combination, I started the outboard motor and pointed the bow up the river towards the fast disappearing line and fish. The river was wide and free from snags and our hopes of landing this beauty grew greater as the excitement grew to a high pitch. There I was speeding the little motor, then throttling her down and once in a while using the reverse, as the erratic movements of the quarry and Ivar's shouted orders dictated, while he intermittently burned his thumb on out-running line as the tarpon made an unexpected tack towards the opposite shore.

This experience, never to be forgotten and I hope to be often repeated, took place on the beautiful and incomparable Myakka River, a stream suitable for a sportsman's paradise, which starts its brackish water about fourteen miles east of Venice, Florida, and ends up in the pure briny bosom of Charlotte Harbor.

A number six reel spool full of eighteen thread line would not have been too great odds for the fish that we were playing, but Ivar, with his number eleven northern musky trolling rod and only about one hundred yards of twenty-four pound line on a surf reel probably would have led us to victory if he had had the assistance of a real helmsman, and also if the tarpon had not decided to lead us into the only difficult water.

Up and down the river, around and around, sometimes gaining and as often losing line to a critical few turns on the spool, when with sudden decision the Silver King made a right about face. Just a little quicker than our popping light twin would bring us about. All went well for another few minutes and as the battle seemed to slow up a bit we permitted visions and a few remarks as to how proudly we would exhibit this wonderful light tackle trophy to seasoned anglers with heavy tackle prizes no greater in weight than our estimated prize on Ivar's twenty-four pound line. This anticipation was im-



"The Myakka River suitable for a sportsman's paradise."

mediately supplanted by anxiety as the wily King led us toward the unfinished canal which connects the upper Myakka, with the Gulf of Mexico a few miles away.

This was a deep, straight, but artificial stretch of water which the dredge had scooped out only a few months before. As dredges do, this one had successfully removed the dirt, but its huge jaws had left in a tangled formation masses of snags and roots which was our near victim's haven of refuge. Ivar held his line tight and played as near to the fish as he could while I endeavored to control the motor with one hand, and jab one of the oars into protruding snags and fallen trees with the other. Once we stalled on a half submerged log and if our actions and Ivar's words could have been recorded in a talking motion picture, it would have been an instantaneous hit in moviedom.

There was danger of fouling the line every minute of the battle in that narrow canal, as many times the tarpon was two or three turns ahead of us and Ivar's line running to and around only the fish knew what. There were a few feeble leaps as we were led out into a wider and clearer stretch of the canal. I shut off the motor and again took a turn at the oars with the small gaff in easy reach when the time came for its use. Sooner than I expected the distance between us and the tarpon lessened and Ivar called for the gaff. The battle surely had been won as the beautiful game creature was drawn alongside, rebelling with a few feeble efforts, and finally seemingly willing to be led by the light tackle. I reached for the gaff and applied it as skillfully as I knew how but at the instant that I made a swoop at him, the fish seemed to revive and with the stroke of the gaff I dislodged the hook. Frantically I tried again, but the steel-like armor and impregnable gill plates turned the point of the gaff and before we could realize what had happened, he was slowly and gradually swimming beyond our reach. Down he went as we sat there too helpless and dumbfounded to utter a word or to make further effort to recover our lost prize.

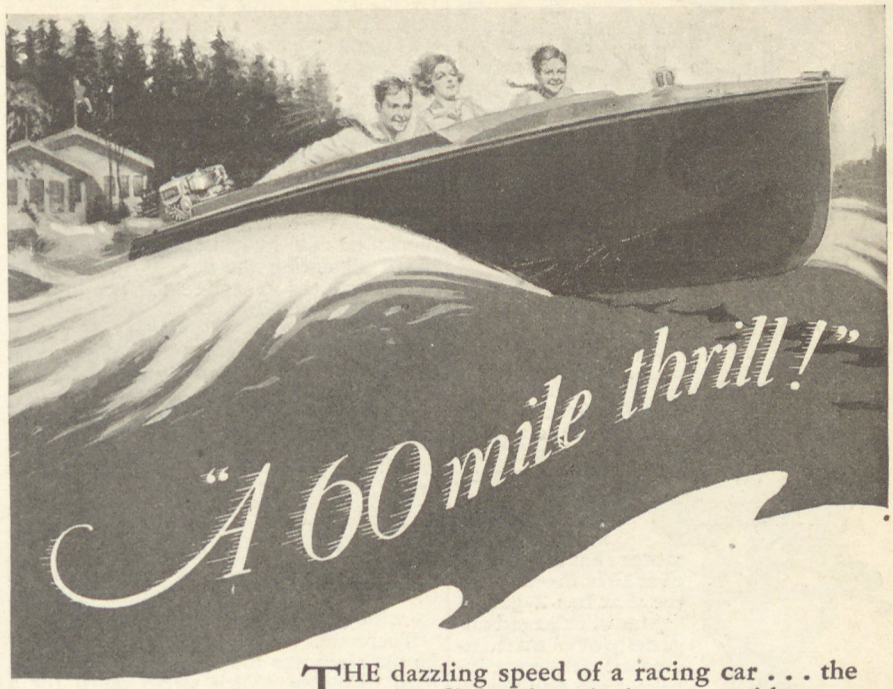
"Just another day wasted away," sang Ivar as I sat there speechless, and feeling the entire responsibility of the loss. "Yes, he's gone but he will live to give us a play some other day."

It was late in the afternoon when the fight had finished. Ivar was ready for a retreat as we had worked hard for about an hour, and had experienced more excitement in those sixty minutes than the total of the two previous days had afforded.

We sat there rather dumbfounded as the slow sweep of the Myakka carried us down stream to near Bird Island. I anathematized the gaff, scolded Ivar and criticised myself. We decided that it was spilled milk and there was no reason why we should add to the gloom by again living over the experience. A few strokes of the oars brought us to the narrow sand beach on Bird Island, long renowned as night headquarters for sea-faring water birds of many species, but since the storm of two years ago, deserted in favor of would-be fishermen such as we. Being enthused over our recent experience with the Silver King, we decided to make camp there and try again the following day.

The almost perfect day's ending rewarded us with a gorgeous tropical sunset in a background of azure sky as we made camp on the high sand bank under the shelter of moss-draped cypress and restless palms. A light breeze from off the Gulf fanned our cedar camp fire over which fresh-caught snook and broiled bacon insured us a good repast.

JOHNSON HAS GIVEN WINGS TO WATER TRAVEL



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Not until you have sat at the throttle of a Johnson and felt this *winged speed,* tinged with daring, can you know what boating really is.

Anglers know it from their fast and easy trips between fishing haunts. Cottagers know it and revel in its joy as they drive their boats undreamed miles over inviting water trails. Yachtsmen know it too. For them it means new comfort as they ply back and forth in Johnson powered tenders.

The 1928 Johnson Motors are increased 35% in power. They maintain maximum horsepower in each of the three popular racing classes. They are built with Lynite pistons. They hold a surprise in point of easy starting, quick get-away, and quiet, smooth performance. *Full Pivot Steering* unobtainable in any other outboard motor provides the widest range of maneuverability.

You will be interested in the booklet, "What You Should Have in an Outboard Motor." We will gladly send it on request.

The FIVE FAMOUS Johnsons

Light Single
World's lightest weight outboard—26 lbs. *Price* $115

Light Twin
World's lightest weight twin cylinder outboard—37 lbs. *Price* $140

Standard Twin
Class B motor developing 11 h. p. maximum. Weight 61 lbs. *Price* $165

Big Twin
Class C motor developing 16½ h. p. maximum. Weight 85 lbs. *Price* $210

Giant Twin
Entirely new model for 1928. Weight 110 lbs. 25 h. p. World's highest powered fastest outboard. *Price* $275

RACING MODELS
in Standard, Big and Giant Twin sizes at slightly higher prices.

All prices f. o. b. Waukegan, Illinois

Sold on free trial and easy payments if desired
JOHNSON MOTOR COMPANY
1261 Pershing Road, Waukegan, Ill.
World's Largest Manufacturer of Outboard Motors
Export Division, 75 West Street, New York City
IN CANADA
Canadian Johnson Motor Company, Ltd., Peterborough, Ontario
Distributors: Peterborough Canoe Co., Peterborough, Ontario
Hoffars, Ltd., Vancouver, B. C.

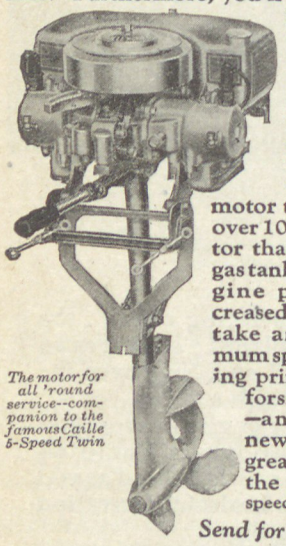
Johnson
Outboard Motors

MORE THAN HALF THE OUTBOARD MOTORS THAT ARE SOLD ARE JOHNSONS

SPEED over 30 M.P.H

New CAILLE Racer

Here is where you put one over on all the other boys. Be first to have the new Caille Racer and you'll be out ahead in every race. Furthermore, you'll have the snappiest, most dependable little motor that ever clamped on a hull. This is the motor that set up a 33.08 M.P.H. record—the motor that brake tests over 10 H.P.—the motor that has 2-gallon gas tank, enlarged engine ports and increased carburetor intake area for maximum speed, new cooling principle, muffler for silent operation—a new motor with new features—the greater Caille. Buy the best and the speediest—the Caille.



The motor for all 'round service--companion to the famous Caille 5-Speed Twin

Send for Caille catalog

CAILLE MOTOR COMPANY
6248 Second Boulevard, Detroit, Mich.

CAILLE
OUTBOARD MOTORS

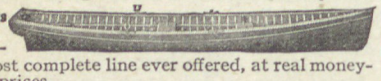
Thompson BEATS the World on BOATS

THOMPSON BOATS

CATALOG FREE!

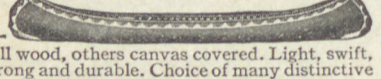
OUTBOARD MOTOR BOATS—A complete line of strictly up-to-date racing models, good for over 30 miles an hour. Also some entirely new models for general pleasure use with a speed of 20 to 26 miles an hour. Built strong and durable and absolutely safe.

Rowboats $44.00 and up—



The most complete line ever offered, at real money-saving prices.

Canoes $48.00 and up—



Some all wood, others canvas covered. Light, swift, safe, strong and durable. Choice of many distinctive color combinations.

Motor Boats—

With or without Engine. For Lakes, Rivers, Shallow water and weeds.

CATALOG FREE — SAVE MONEY — ORDER BY MAIL
Please state the kind of boat you are interested in (30)

TWO LARGE FACTORIES

THOMPSON BROS. BOAT MFG. CO.

205 Ann St. PESHTIGO WISCONSIN

(*Write to Either Place*)

105 Elm St. CORTLAND NEW YORK

Whippoorwills called amidst many strange sounds of the tropical wilderness as we relaxed under our blankets, for the night was cool.

About midnight we were awakened by the mocking and calling cry of a party of 'gator hunters. Evidently their bright searchlights had spotted the red reflection of a large alligator's eyes that had wisely sunk below the surface, and their unearthly calls to inveigle the reptile to the surface were not effective. These were the only human or near human sounds that we had heard all during the day, as the Myakka is one tropical stream so far not infested with human traffic.

Morning came. A breakfast of coffee, grape-fruit, bacon and corn bread put us on edge and we hurriedly packed away our camp duffle and headed our outboard motored skiff up stream. A palm leaf was the cause of our shearing a propellor pin which I repaired while Ivar arranged the tackle for trolling on our way up the river to fresh water. Our experience with the tarpon the day before was not forgotten as each strike of the crevalle and robalo, or jackfish and snook as the natives call them, tightened our trolling lines and fired us with the expectancy of another tarpon.

There was plenty of action on the way up the river, for the snook were not at all hard to please. Each strike called for a dead motor and before we had reached the Venice road bridge, Ivar and I had played and taken nine sizeable fish, which angling and mechanical activity made us wonder again why some genius had not invented a self-starter for outboard motors.

Upon reaching the bridge we refilled our reserve fuel can and after relating our tarpon experience, headed north into the fresh water for the large Florida bass. Full speed ahead up the meandering and winding Myakka, leaving a wake that sent huge turtles and alligators scurrying to their retreats; gliding along, shaded from the tropical sun by gorgeous palms, pines, liveoaks and cypress and occasionally slackening our speed to watch the activity of one of the many forms of wild life so unaccustomed to the disturbance of such a motored conveyance. At one time our attention was so attracted to an aerial combat that we found ourselves beached upon a floating island.

A fish-hawk had plunged into the river and risen with a sizeable fish. As usual but much misunderstood by us, the fish-hawk immediately set up a loud intermittent cry that immediately attracted the attention and action of an eagle. Up and up the fish-hawk flew carrying its captured fish. Up and faster flew the eagle until he had gained a vantage position and thereupon swooped down upon the fish-hawk. The hawk dodged and the eagle missed. Again this was repeated but this time the hawk struck and in turn released the fish which fell towards earth like a plummet. Then the aerial show started. The eagle nose-diving faster than the falling fish, recovered the morsel and forthwith the fish-hawk dove upon the eagle to recover his lost catch. The hawk likewise made a nose dive upon the eagle which in the instant before contact, turned, feet upward, to meet the onslaught of the hawk. The latter, being thus outmanoeuvered gave up the fight.

While backing our misguided craft from the floating island, Ivar, in a sudden turn of near cleverness, drew a comparison of our tarpon experience of the day before and the screaming fish-hawk. "See," said he, "we are just like that foolish fish-hawk who tries to tell the world about his catch before he gets the fish on the stringer."

"After refueling we headed north into fresh water."

A few miles on up the river we came to the Myakka Flats. Miles and miles of prairie land carpeted with short pasture grass bordering the river with low, dry brushless banks, made us feel that we were on the old Olympia golf course. Just the place for fly fishing for trout and beam or bass and blue-gills as we know them in the north. We ran ashore, then out came the choicest of bass bugs and our fly-rods. Fight after fight, for an hour we fought those big blacks with six ounce nine foot rods and not a broken tip. Sport? It was the best ever and the only comparable fishing fun to equal it was the fly-fishing for snook that we experienced two days later in Casey's Pass at Venice.

A word of advice is in order for those who may contemplate fishing for snook or any small varie of salt-water fish in these waters. For fishing with the conventional light tackle, bring one outboard motor, two rods, three extra lines and four dozen extra flies or plug baits, and don't forget the leaders. You may and are apt to strike anything from a ton shark or a hundred pound tarpon down to a two or three pound snook or ladyfish.

Don't forget your mile dispelling outboard motor if you come into this country for with it your field of sport will be greatly increased and this includes the many otherwise inaccessible retreats of deer, bear, panther, turkey and quail. As "Uncle George" Rawls, our able, veteran guide puts it,—"What I mean, and don't miss it, they're back in there, boys."

Next fall, when Florida's second closed season is opened by her able game commissioner, Ivar and I will ask Uncle George to lead the way. He certainly wasn't wrong on his dope about the good fishing on the Myakka and we will place our bets on him for finding the game.

QUESTIONS
? ? ?
for readers about
Outboard Motors and Small Boats
will be gladly answered by
"JED" BURRESS
editor of this department.

Waste Paper and Trees

(Continued from page 18)

sums in this way. Among the things that have been purchased through waste paper drives are pianos, flags, pictures, statues, baseball suits, playground equipment, and musical education for a talented pupil who would otherwise have lost the opportunity.

The subject should be approached through the Superintendents of Schools, Teachers, and Parent-Teachers Associations, and its possibilities and purposes explained. The next step would be to make an arrangement with the local waste paper dealer, who exists in almost every community. If there is none in yours, it is suggested that you communicate with one in the nearest city.

It is found most convenient to gather only magazines and newspapers. The children can be instructed to tie them in separate bundles before or after they are brought to the school.

The waste dealer should be informed that it is your intention to so classify and prepare your paper, and his prices to you should be quoted accordingly.

Having made arrangements with the waste paper dealer, including his agreement to call for the paper on a definite day, the children should be instructed. They should be told what is going to be done with the proceeds of the sale of the paper, and should be taught the important part that they are to take in the preservation of the forest. Simple statements could be prepared that would impress them with what it means to save thousands of acres of trees each year.

In every place where this plan has been tried, the enthusiasm and pride that the children have shown have repaid many times the effort expended by those who have guided them in the work.

The lesson of thrift should also be added to that of forest conservation.

The notice to the children regarding the paper drive should be given several weeks in advance so that the children will have ample time to canvass their neighborhoods. Sometimes prizes are offered to the room or individual bringing in the most, but this is not necessary and may have objectionable competitive features.

Each school or community has its individual problems. The best way to handle the campaigns will develop after handling two or three drives.

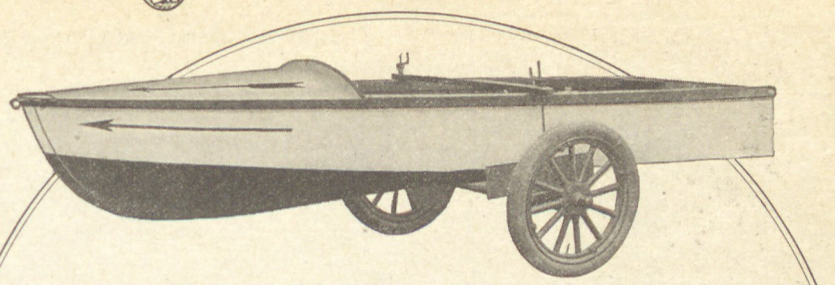
Successful drives can be made every sixty days, and in some places oftener.

For further information, OUTDOOR AMERICA will put you in touch with reliable people in the trade, if you should find any trouble in working out the plan in your community.

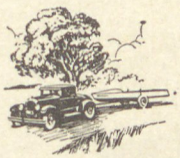
To those who are interested in the development of a greater public support in this vital matter of forest conservation, it should be apparent that the impressions of childhood are indelible and that, *if this lesson is brought home to the child of today, our forests will be safe in the hands of the man and woman of tomorrow.*

It is hoped that the idea will spread, until the plan becomes a recognized force in the preservation of trees, the manufacture of paper, the practice of thrift, and the elimination of waste. The schools of St. Paul and Minneapolis saved $32,000.00 worth of waste paper in one year. The schools of Kalamazoo, Michigan, over $2,000.00.

Remember, six tons of waste paper is equivalent to the trees on an acre of timberland. How many will you help to save?



HAVE you seen these "boats on wheels"? Before summer is over, you will probably see many of them for Mullins has made the Portable Boat popular by means of the Mullins Boat Conveyor.



No longer are you compelled to use your boat on one particular body of water. Load up your camp equipment and take your boat where you will. New reaches of sparkling lake and river are yours to explore.

This simple, ridiculously inexpensive conveyor removes the last obstacle to boat ownership. Now your garage may be your boathouse too, and your Seahawk will follow you to the lake or river or seashore at forty miles an hour if you want to drive that fast. Once there, you back the conveyor into the water and your Seahawk floats free. It's as simple as that.

And since there's no longer any excuse for doing without a boat, send at once for the new four color "Book of Boats" that Mullins has prepared for you. Get the dope on the fifteen new models—and the conveyor. Write today.

MULLINS

MANUFACTURING CORPORATION

292 DEPOT STREET — SALEM, OHIO

KIDNEY'S 16-FOOT V-BOTTOM BOAT

You'll like the racy speed and clean-cut lines of this fast Kidney boat. Can easily make 22 miles an hour or more. Just the thing for the whole family to enjoy all summer. Safe and strong. Built entirely by the hands of craftsmen who have been building Kidney boats for more than 45 years. 6c in stamps will bring illustrated Kidney catalog showing complete line of high-quality hand-made boats and skiffs. Send direct to Kidney.

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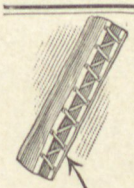

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Folding Boats

From this to this in 8 Minutes

Toss onto shoulder. Carry on running board. Transport enormous loads. Strong, yet very light. Won't snag, tear or leak. Thousands have seen 10 to 20 years' hard service. Great with outboard motors. In government use here and abroad. Boat builders since 1890. Many models. Satisfaction or money back. Write today for latest literature and New Low Prices.

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NEW BACK REST FOR BOATS

1—Minnetonka
1—Good Cushion
1—Last Year's Pipe
1—June Day and the Old Tackle

OH BOY!

Substantial—All Steel—Folding

As necessary to the fishing or pleasure boat as oars. The Minnetonka has three wide, springy cross pieces, close together, which forms wide back. Adjustable to the angle or incline user considers most convenient. It is light in weight and folds compactly.

At good dealers, $1.65 or send direct to

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SAVE $100 TO $200 BUILD YOUR OWN BOAT

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Play safe—get a Heath Waterplane. Sensationally fast Hydroplane—25 to 35 M.P.H., class B.C.D. Outboard motors. Also Heath Cruisette, a beautiful, panelled, upholstered family runabout. Speedy—safe.

WRITE for folder. HEATH BOAT CORP. Dept. E, 2935 Dunn Rd. Detroit, Mich.

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Air driven, shallow draught, hydro-gliders from 15 to 55 foot length. Speedy!—up to 50 m. p. h. Roomy and comfortable. Models for Sport, Pleasure or "Waterbus" service. *Write*

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Keeps You Dry and Comfortable

Alligator Featherweight sport garments are made to the sportsman ideal—light, roomy, comfortable and absolutely waterproof—easy to pack into small space. Do not contain *any* rubber. Will not stick, crack nor leak. Made of Balloon Cloth, Alligator Processed.

Fishing Shirt, Style No. 500 (as illustrated), $13.50. Lengths, 46", 48" and 50"; weight, 20 ounces. Colors: Deep Sea and Olive Drab. Rolled tight in waterproof bag. Also 38" length at $12.50 and waist length (No. 514), $6.50; Knee-length pants, Style 662, $6.50; Ankle-length pants, Style 663, $7.50. Also a complete line of waterproof outergarments.

Dealers everywhere. If your dealer does not carry send us his name. We'll see that you are supplied.

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FEATHERWEIGHTS
TRADE MARK Reg. U. S. PAT. OFF.

Back to camp with a handsome string

WE HAD fished far up the lake and were loath to stop, for how those trout were rising. But the cook's grim warning—why are cooks always grim?—to be back before six, persuaded us to head the "Old Town" back toward camp. As we glided easily over the water, we were grateful to this fleet canoe which brought us back with time to spare.

An "Old Town" is the ideal canoe for every fishing trip. Light in weight and perfect in balance. Strong and durable too. Priced as low as $67. From dealer or factory.

New catalog gives prices and complete information about sailing canoes, square-stern canoes, dinghies, etc. Write for free copy today. OLD TOWN CANOE CO., 836 Main Street, Old Town, Maine.

"Old Town Canoes"

List of Exhibitors at Sportsmen's Show

Exhibitor	Products
Acme Boat Co., Miamisburg, Ohio	Boats
Air-Fed Mfg. & Stamping Co., Quincy, Ill.	Minnow Buckets & Tanks
All-Steel-Equip Co., Aurora, Ill.	Steel Cabinets
Alward-Anderson-Southard Co., Chicago, Ill.	Campers' & Hunters' Equipment
American Fork & Hoe Co., Cleveland, O.	Fishing Rods
American Gas Machine Co., Albert Lea, Minn.	Camp Stoves & Lanterns
Ashaway Line & Twine Mfg. Co., Ashaway, R. I.	Fishing Lines
Auto-Kamp Trailer Co., Saginaw, Mich.	Auto Trailers
Boyd-Martin Boat Co., Delphi, Ind.	Boats
Burlington Basket Co., Burlington, Iowa.	Basket Refrigerators
Chappel Bros., Inc., Rockford, Ill.	Dog Food
Chicago & North Western Ry. Co., Chicago, Ill.	Railway
Coleman Lamp & Stove Co., Wichita, Kansas	Camp Stoves & Lanterns
Converse Rubber Shoe Co., Malden, Mass.	Sportsmen's Rubber Footwear
Creek Chub Bait Co., Garrett, Ind.	Fishing Tackle
Delco-Light Co., Dayton, Ohio	Lighting Plant
Elto Outboard Motor Co., Milwaukee, Wis.	Outboard Motors
Enterprise Mfg. Co., Akron, Ohio	Fishing Tackle
Eppinger, Lou J., Detroit, Mich.	Fishing Tackle
Evinrude Motor Co., Milwaukee, Wis.	Outboard Motors
Gilkison & Sons Co., E. P., Terre Haute, Ind.	Auto Trailers
Glover Co., Inc., H. Clay, New York, N. Y.	Dog Remedies
Gold Metal Camp Furniture Mfg. Co., Racine, Wis.	Camp Furniture
Heddon's Sons, James, Dowagiac, Mich.	Fishing Tackle
Hercules Powder Co., Wilmington, Del.	Sporting Powder
Hobart Metal Mfg. Co., Minneapolis, Minn.	Tackle Boxes
Hodgman Rubber Co., Framingham, Mass.	Campers' & Fishermen's Equipment
Horton Mfg. Co., Bristol, Conn.	Fishing Tackle
Hugo Mfg. Co., Duluth, Minn.	Camp Stoves
Hupp Motor Car Corp., Detroit, Mich.	Hupmobiles
Hunter Arms Co., Fulton, N. Y.	Guns
Ithaca Gun Co., Ithaca, N. Y.	Guns
Jamison Co., The W. J., Chicago, Ill.	Fishing Tackle
Johnson Motor Co., Waukegan, Ill.	Outboard Motors
Jonas Bros., Denver, Colo.	Taxidermy
Kewaskum Aluminum Co., Kewaskum, Wis.	Aluminum Camping Sets
Lefever Arms Co., Ithaca, N. Y.	Guns
Lockwood Motor Co., Jackson, Mich.	Outboard Motors
Marble Arms & Mfg. Co., Gladstone, Mich.	Sportsmen's Specialties
McGrew Machine Co., Lincoln, Nebr.	Folding Camp Furniture
Meisselbach Mfg. Co., A. F., Elyria, Ohio	Reels
Mustad & Son, O., Oslo, Norway	Fish Hooks
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Savage Arms Corp., Utica, N. Y.	Firearms
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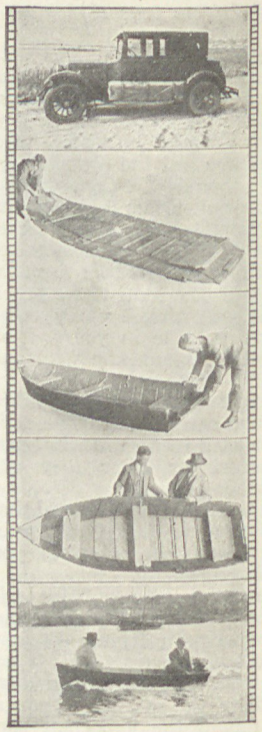

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A Quality Product Throughout. Price Complete with Oars, Oarlocks and Carrying Cover, only $150.

Order NOW for a Full Summer's Pleasure.

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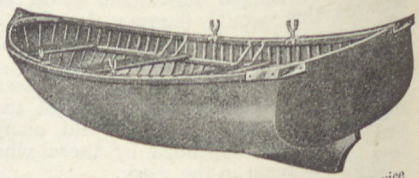

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LIGHTWEIGHT OUTBOARD MOTOR BOAT—the fisherman's favorite. Length 16 ft. Very speedy. Rows easily while trolling. Wide, flat floor to stand on while casting. Weighs less than 200 lbs. Made of best white oak and northern cedar. Decks and stern corners cast aluminum—will not twist, warp, split or rot. Stern braces from gunwales to transom—impossible for planking to pull away. Priced $92.

V BOTTOM OUTBOARD MOTOR BOAT—Length 16 ft. Batten seam construction. Copper and brass fastened. Makes 20 miles per hour with 4 H. P. motors—26 miles with 8 H. P. motors. Cedar planked model—$175. In mahogany—$250.

See our display at the Motor Boat Mart, 1725 Diversey Blvd., Chicago. VON LENGERKE & ANTOINE, Chicago Distributor.

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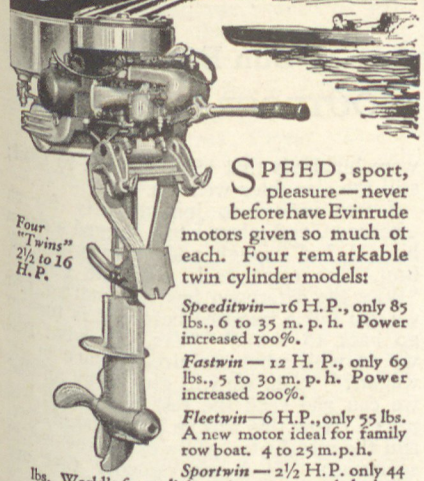

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Speeditwin—16 H.P., only 85 lbs., 6 to 35 m. p. h. Power increased 100%.

Fastwin—12 H. P., only 69 lbs., 5 to 30 m. p. h. Power increased 200%.

Fleetwin—6 H.P., only 55 lbs. A new motor ideal for family row boat. 4 to 25 m.p.h.

Sportwin—2½ H. P. only 44 lbs. World's finest light twin, recommended where younger children use motor. 3 to 13 m.p.h.

Evinrude Boat Speed Guide tells you exactly which motor to buy to give you the speed you want on the boat you own. Insurance policy against fire and theft from $1.10 to $2.10 depending on your model.

Time payments—as small down payment as $31.10 puts an Evinrude on your boat.

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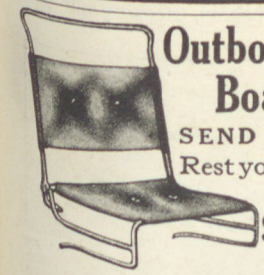
EVINRUDE MOTOR CO.
916 27th Street Milwaukee, Wis.

EVINRUDE



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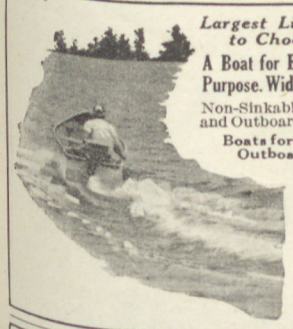

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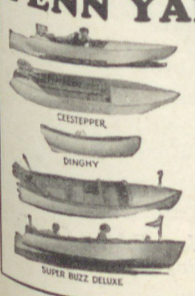

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CHICAGO & NORTH WESTERN RAILWAY

Gun Rack and Game Fields

Edited by
ALEC MERMOD

Gun Editor
OUTDOOR AMERICA

TO those of us who have not had the pleasure of shooting on either the Atlantic or Pacific coast, the word "Shore Birds" does not mean much, although we have shot a good many birds that come under that head, we have always called them by their right name, such as Upland Plover, Sandpiper, etc., and have not thought of any one of the different species as being "shore birds."

I had an acquaintance who spent his summers in the East, and each fall he would return with the most glowing accounts of the wonderful "shore bird" shooting he had been having. I did not have the least idea what a shore bird was, and did not want to display my ignorance by asking, thinking that before long I would get a lead that would put me wise, but never a thing did I learn, so finally I said, "just what is a 'shore bird,' that I have heard you talking about?"

I was informed that the term covered a variety of waders, such as Willets, Sandpipers, Godwits, Curlew, etc., and as there were so many varieties found along the coast they were all classed under one head and referred to in a general way as "Shore Birds." My informant told me that it was no uncommon thing to kill six or seven different species from a single blind in one day.

As the name implies these birds of the several species are to be found along the shores of the ocean, lakes or ponds, where they feed on the bugs, and small snails.

Along the Atlantic coast the shooting is done from a blind surrounded by decoys, and the native guides are very proficient in imitating the call of the various species, many of which decoy very nicely, and afford good shooting.

Before much attention was given to protecting our migratory birds, the market hunters and "game hogs" slaughtered these birds by the thousand, and during the month of August the Eastern markets were flooded with the many varieties of sandpipers, willets, godwits, etc., consequently the shooting nowadays is very poor, in fact there is an indefinite closed season on nearly every species of wader.

There are several species which it would seem should not be classed as shore birds, for there are some that are very seldom found near water of any description, such as the Bartramian Sandpiper, commonly known as the Upland Plover. This bird, as most of us know, is found on high ground miles from water.

The curlew of the Western plains is often found on perfectly dry ground, but only for a short time during the grasshopper season, and even then they always get back to water some time during the day.

There are a great many of the shore bird family with which I am entirely unfamiliar except the knowledge I have gained from works on natural history, consequently I will not attempt to do more than mention their names and a few of their habits.

There are about a dozen varieties of the sandpiper family, and of these only a few are ever seen in the Mississippi valley.

As a game bird (with a few exceptions) the sandpiper does not cut much of a figure, for they are the smallest of the waders, and after falling an easy prey to the gunner are hardly worth preparing for the table.

The Bartramian sandpiper, or Upland plover, as he is generally called, is better known to the majority of us than any of the other shore birds, but this bird is, like so many others, threatened with destruction and has been placed in the indefinite closed season class, and it is to be hoped that he will soon come back to such an extent that we will be able to have a few days' open season.

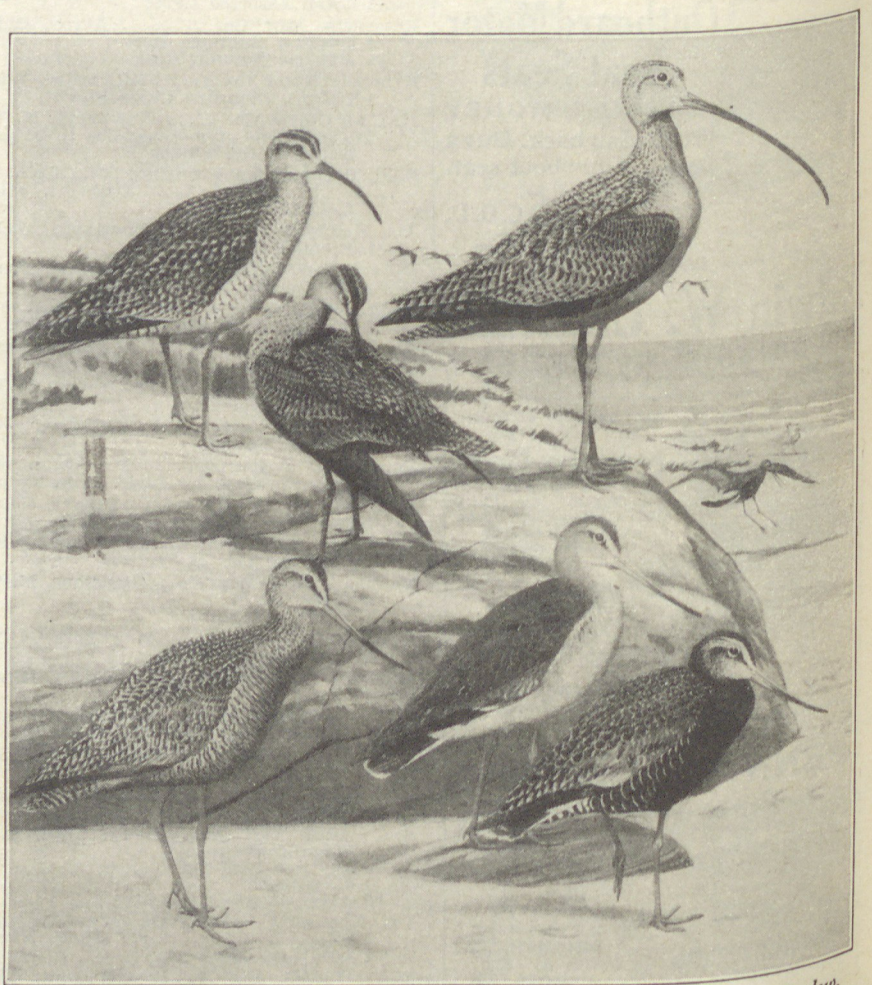
On the plains of Western Kansas and Texas the Upland Plover were shot both going and coming, so it is no wonder that there are so few left.

I happened to be in Fort Worth, Texas, several years ago during the month of August, and actually saw wagon loads of these birds brought into town. Many were given to friends and to the poor, but there were hundreds that were allowed to spoil; still the slaughter went on.

I was invited to join a party for an afternoon, and when I had bagged a dozen birds I had enough and so informed my host, who came back with the remark: "Why the afternoon has just started, and we can kill a hundred before it is time to go back to town." "Yes, but what will we do with what we already have in the wagon?" "Oh, we will give away all that we can and send the rest out to the hog pens." Now this was an actual occurrence, and the men in the party called themselves sportsmen. Is it any wonder that our wild life is fast disappearing?

The birds we killed were simply rolling in fat and many would burst open when striking the ground after being shot. The prairie was literally covered with plover scattered around in flocks of 5 to 20, feeding on bugs and grasshoppers.

While it is exceedingly difficult for a man on foot to approach within gun shot, these birds pay very little attention to a wagon, and the method of approach, is, to have a man drive a wagon, gradually getting nearer, while the hunters walk along the off side or behind, stepping out when



Several species of shore birds: Hudsonian Curlew, Long-billed Curlew, Eskimo Curlew, Marbled Godwit and Hudsonian Godwit in winter and in breeding plumage. From painting by Louis Agassiz Fuertes.

near enough to shoot. While out the afternoon mentioned above we saw a boy about 16 years old using his pony as a "stalking horse." I asked the youngster how long it had taken him to train the pony to know what was wanted of him. The boy replied, "I didn't train him, boss, he jus' trained hisself, the first day I 'taken' him out."

The Upland Plover has a great many names, a few of which are:

Field Plover, Grass Plover, Prairie Snipe, and the "Cajuns" of Louisiana call him "Pappabotte."

The Avocet

THIS member of the family of shore birds is larger than most of them, and by far the handsomest, the head and neck being pearl gray with a pinkish tinge. The breast is white, and the back and wings are black and white. The bill is long and slender and has a decided upcurve. The legs are bluish black and the feet are fully webbed, though I have never seen these birds take to deep water, where swimming was necessary, although I have seen them swim very fast when dropped in the water with a broken wing.

While I have heard of a few Avocets being killed in the Mississippi valley, I have never seen them farther East than the extreme Western border of Kansas.

I killed several of these birds in the meadow at "Stirrup Ranch," at an altitude of 9,000 feet, but I have an idea that it was an accident, and that the flock had lost its way, and just happened to drop in for a rest, for these were the only ones ever seen in that part of the country.

In the San Luis valley, at an altitude of 7,000 feet, I have seen the Avocets in large numbers, early in the fall.

I have always found them very wary and hard to approach on foot, though it is easy to get within range when riding or driving.

They seem to have a regular leader who directs the movements of the flock, and it is a beautiful sight to see the flock take wing following the leader without a single mistake or wrong turn. The Avocet feeds close to the shore of lakes or ponds with hard mud bottoms, where they seek the small snails and bugs by walking with their heads under water, moving their bills from side to side.

The Stilt

THE Stilt is another of the waders that is seldom found east of the Rocky Mountains, and their breeding grounds are South of the Canadian border.

While the white and black markings are very attractive, the long red legs give this bird a very awkward appearance when seen on the ground, but in flight as the flock twists and turns, alternately showing black and white, one sees a beautiful picture.

The Stilt is not a swimmer, and obtains his food in the same manner as the Avocet, only he wades in deeper water, and with the body partly submerged.

Years ago when a boy I shot a number of these birds near Colusa, California, only I did not know them by the name of Stilt, the natives designating them as Red-leg Snipe.

The Godwit

THERE are two members of this family, the Marbled and Hudsonian, but as I am not familiar with the latter, I will only dwell on what I know of the Marbled variety, a few of which I killed years ago while in California, and later in Louisiana, and Colorado, but I am frank to admit that I did not know the correct name of the birds I was shooting. In California they were called Brown Plover, in Colorado

REMINGTON UMC

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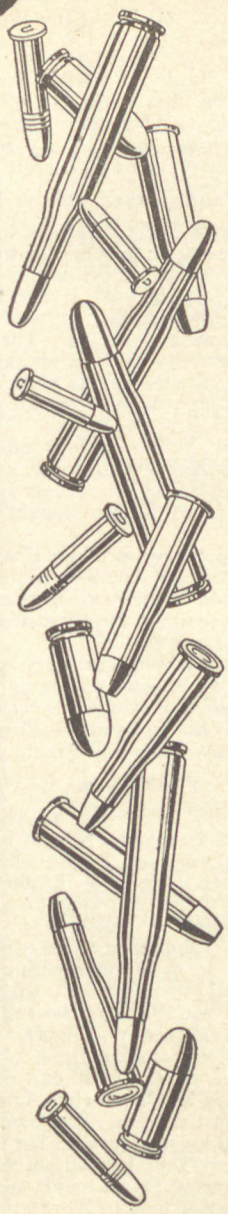

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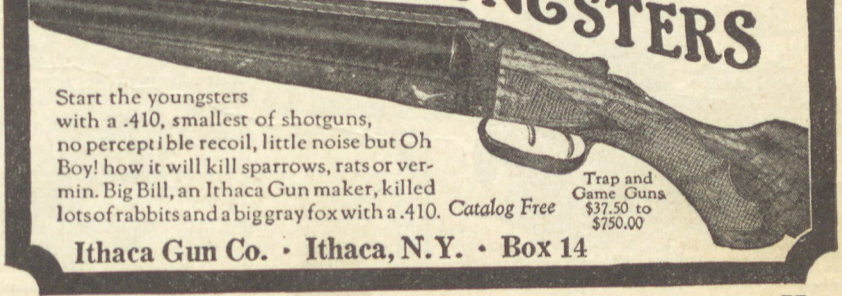

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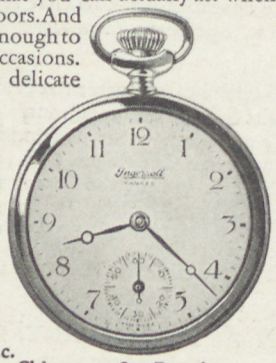

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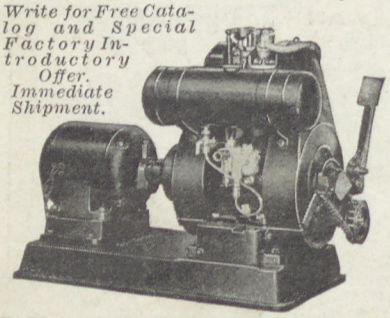

D. W. ONAN & SON, Minneapolis, Minn.

the native ranchmen called them Plover-snipe, which sounded foolish, but as I did not know just what they were, I didn't argue the matter. I killed several Godwits near the head of Vermillion Bayou in Louisiana, and while on the train between New Albany and New Orleans I showed one of these birds to another sportsman, and he told me that it was a Godwit, and I was certainly glad to have the information, for I dislike to shoot any sort of a bird and be ignorant of its correct name.

Greater and Lesser Yellow Legs

THE Greater Yellow-Legs is known to most of us, for the range of this shore bird is quite wide, as he is found clear across the continent, and at one time the Mississippi valley seemed to be a favored feeding and resting ground. These birds migrated North in the spring, and were shot by the thousands, as they decoyed very readily and were easy to bring to grass.

The Lesser Yellow-Legs is quite a bit smaller than the Greater, but is similar in color and habits, but on account of its inferior size is not often sought by the hunter.

Another of the shore birds that is very seldom seen in the interior, is the Robin Snipe, whose scientific name is "Knot," and is sometimes called Red-breasted Sandpiper. This member of the family of waders at one time was very plentiful along the Atlantic coast during spring and fall migrations, and thousands were killed by the market hunters and so-called sportsmen, during the early fall flight.

The Curlew

THIS is the largest of all the shore birds, and is seldom met with in the central states; in fact, I have never seen any of the species east of Eastern Colorado, though I am told that at one time the Curlew was very abundant on the Atlantic coast. I killed my first Curlew in New Mexico, he came down with a broken wing, and his plaintive call of distress brought back within range the rest of the flock, and I bagged two more. I was rather proud of bringing these big chaps to bag until I tried to eat one of them, and found it to be the toughest bird I had ever seen or tasted. Since that time I have killed a good many Curlew, but I have never found one that I could eat with any relish, for they were all tough, and most of them were very poor.

While on a shooting trip in Texas, near the head of Matagorda bay, several years ago, we encountered immense numbers of the "Sickle-bill," as the natives call them, but remembering my former experiences I refrained from shooting any, though my friend could not resist the temptation, and killed three or four, even after I had told him that they were too tough to eat. He came back at me with— "I'll eat anything I shoot." I will give him credit for eating one of the birds, but I noticed that he expressed no desire to shoot any more Curlew, nor did he attempt to eat either of the others he had killed; said he would take them home to folks who had never seen a "Sickle-bill."

The Willet

THE Willet, unlike the majority of our migratory birds, does not travel to the far North to breed, seldom going farther than the New England states, though I am told that they breed in England and Scotland. Along with the Godwit, Robin snipe and Dowitcher, the Willet has been plentiful along the Atlantic coast during the early fall migration, but they are not as easy to decoy as are many of the others, consequently there are not as many fall to the gun.

There is one species of the shore birds that I am frank to admit I have never seen nor till I looked through a natural history did I know that there was such a bird, either by the proper name or any other. The name of this wader is Phalarope, and there are three varieties; the Red Phalarope, the Northern and the Wilson. The last named is the largest and is one of the most beautiful of all the shore birds, having a black line running through the eye, shading into a broad stripe of rich chestnut along the neck and onto the wing.

Mexican Jacana

AS the name implies, this is a Mexican bird and is very seldom seen in the United States, and then only on the extreme southern border of Texas.

While I have never shot any of these birds, I have had a close view of them as they were feeding, and I once had one served to me while stopping at a Mexican's shack one day while riding near the border.

The Jacana is not a wader, for, while he is equipped with long legs like the waders, his toes are very long, the toenails extremely so. The bird which I examined before the Mexican prepared it for the pan, had a nail on the back toe that was fully an inch and a quarter long. The object of the long toes is to enable the bird to run on top of very soft mud and on water plants.

When feeding it appears that the Jacana is actually running along on top of the water. Along with the peculiar feet, the bill terminates in a sheaf that extends nearly to the top of the head, and on the shoulder of each wing there is a hard pointed spur, the reason for which is not apparent, nor do the naturalists give any information on the subject.

As the Jacana is small, and feeds in marshy ground where walking is difficult, no one seems to make any particular attempt to shoot them, still they do not seem to be very abundant in any section of the country, nor have I known any one who has seen this bird in great numbers.

THE LOON By Mary E. Barclay

WHO mournfully wails in the dead of the night?
Whose cries make me shiver and tremble with fright?
Now hollow and eerie it ends in a groan—
Now piercing and shrill, dying down to a moan.
What tragedy, bird, has your sturdy heart known,
That always you grieve, and are always alone?
Has the world been unkind to you, treated you ill?
Does some haunting memory cling to you still?
Cease, cease, your lamenting, O, lonely wild thing
Of that ancient woe must you evermore sing?
Your heart must be weary, and bursting with grief
And your poor stricken spirit must long for relief.
There's beauty about you, and magic to spare
In woods, sky and water, to drive away care.

Get New Members with Movies

By Ralph W. Hiett

Official Photographer 1928 Izaak Walton League Convention and Outdoor America's National Sportsmen's Show

HAD I been able to find time to think of anything but getting pictures at Omaha I believe that I might have offered the following and scored in the Slogan Contest, "One poor man with a movie is better than ten good men with guns." If every Chapter in the League had a hunter or two like Frank Warren (Minneapolis), we would have that million members in sight and be calling for more.

"We need movies to get members and members with movies to get members to get movies." There's another slogan that might have won that Hup.

Movies are playing a most important part, today, in so many important movements that we can not afford to neglect their use in selling Waltonism. An American industrial advertising campaign without a fat appropriation for movies is a rare exception. Salesmen and merchants are demanding movies in quantities that stagger the manufacturers of projectors and advertising film.

Millions of new money is going into plants and equipment for the manufacture of moving picture apparatus for amateurs. It is predicted that the coming vacation season will show a one thousand percent increase in the consumption of film by amateurs, compared with the past season when approximately twenty million feet was used.

It is the amateur film that we want and need to get members. Nature films of your own county and state will win more friends for you and the League than the most expensive works of art to be secured from big, standard (theatre size) libraries. Every Chapter should have a projector and a library of its own. A mutual exchange of films could then be worked out and real entertainment at neighborhood meetings could be furnished at practically no expense and little inconvenience. You can count on me and my organization for help in this movement. We want to build, for the League, the finest collection of American Nature Negatives in the world. With your help we can do it. Little movies can make Waltonism easy to take. Action; Camera; . . . . That's good, fine. I thank you.

"POPSY."

P. S. Write me if you want more of this.

What's Happening in Conservation

and What's What and How in Conservation by Seth Gordon, Conservation Director, I.W.L.A. are omitted from the magazine this month due to the voluntary offer of Mr. Gordon to make space for Mr. Dickinson's inspiring Presidential Message.

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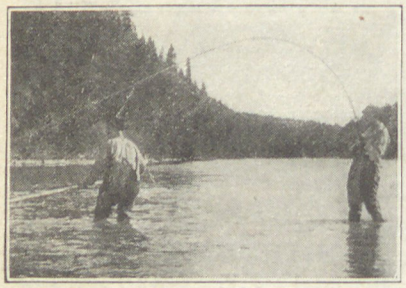

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O.A.6-28

Trips Afield with Boys

Conducted by JUDGE GEORGE W. WOOD

Breaking in a Mongrel Dog

By Burr G. Lichty

I can do nothing that will give you boys more pleasure than to introduce to you my companion of many a trip afield and astream, Burr G. Lichty, who when he tells you about training a dog speaks from a wealth of experience. The dog he speaks of in this article is the best trained and best mannered dog I have ever shot over. Follow Mr. Lichty's instructions carefully and you will have more than a well trained dog. You will have an experience which will have taught you lessons of patience and self control. GEORGE W. WOOD.

JUDGE WOOD has asked me to give you boys the low down on edible mushrooms, but I refuse because if you have never had a ride in a hearse, you haven't missed much of a ride and besides what is home without the old cookie jar. Lilies are beautiful in a garden, but in the hand, accompanied by slow music they aren't pleasant to think about. Edible mushrooms are as easily distinguished as a bluejay is from a red headed woodpecker, or a black walnut is from a shag bark hickory tree, but I much prefer that you learn your mushroom in person from an expert, and be sure he really is one.

Let's talk about dogs. They are more interesting anyway, and the companionship of a well behaved dog, regardless of pedigree is more conducive to happiness and long life than expert knowledge of mushrooms. Dogs are only of two kinds, regardless of blood lines,—the kind that have some training and the kind that haven't. A

The companionship of a well trained dog is pure happiness.

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courageous mongrel that has had intelligent training is worth ten times as much as a "full blood," with a pedigree as long as a night-before-Christmas-dream, without any, but has won a hat full of blue ribbons at a dog show.

Breaking a dog doesn't mean breaking his spirit with cruelty, but correcting his faults, and directing his better habits with kindness and real thoughtfulness, and lots of patience.

The first year of your dog's life, be careful that you do nothing to frighten him, or cause him to lose courage. Accustom him to loud noises, by beating on an old tin dish pan when he has started eating, softly at first, then a little louder each day. Soon he will recognize the sound as his dinner gong, and will come on the jump. Neither tease him nor try any training methods until he is past his first birthday.

If he gets in bad company, and barks at motor cars, put a long rope on his collar, and when he dashes after a car, and gets to the end, give him the fiercest jerk you have. He will reason that the car was responsible for his somersault and will come to you for sympathy. Give him plenty of it. A few lessons will teach him that automobiles are harmful things, and are well to avoid. Permit no fighting, unless in self defense. You should help him to develop courage, but he must not be a bully, if he is to be a worthwhile dog. Puppies ape their masters, and if you would have your dog courageous, and brave, your conduct must be his example. Take him to the woods with you, and on camping trips. He needs new experiences and will be a better puppy for a change.

If he should chase and kill a chicken, first settle with the farmer, and without scolding or whipping him, bind the fowl to his collar, with hay wire, and make him carry it until he is thoroughly cured, if it takes a week. I promise you if you don't let your sympathies get the better of you, he will never look at a chicken again.

His fault should always be cured indirectly. The object of his mischief should be the thing to correct him, but never you. To whip him would only confuse his puppy brain, and cause him to mistrust you. Remember we are going to develop sensible courage in him, and not simple fear.

Let him do pretty much as he pleases, applying the corrective measures I have suggested, but don't attempt to teach him much, if anything.

When he is a year old, take a stout piece of clothes line, fifteen feet long, and tie a bowling knot in each end, about the circumference of his collar or just so that it will slip snugly over his head. Place one loop over his head with the knots just behind his right ear, and hold tightly to the other. Walk about the lawn with him. Soon he will take a notion to go where he pleases, it doesn't matter where. Shout, "Come, Jack," but don't expect him to do anything but go. Brace yourself and when he gets to the end, jerk him over on his back. Keep saying, "Come, Jack," all the time, jerking and dragging him back, to you. Remain in your position and when you have him back, shower him with affection, and perhaps a morsel of food. Don't have any friends or other dogs around. His attention must be entirely for you.

Two or three lessons a day for a week will impress on his brain that when you say "Come, Jack," the only place where he is safe from pain is at your feet. Don't tire him with long lessons or with more than one stunt at a time. Teach each command so well that the memory of it will be lasting. If he becomes indifferent after he has learned the command, refresh his

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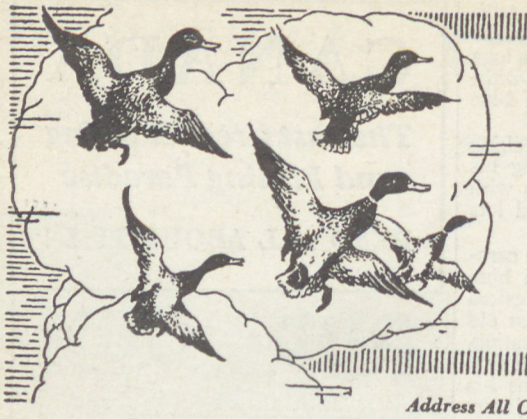

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Feb. 24, 1928.

Outdoor America,
536 Lake Shore Drive,
Chicago, Ill.

Gentlemen:

In looking over our advertising records for the years of 1926 and 1927, we find that your magazine has been producing wonderful returns. We have been in every issue since the magazine was first published and would not think of missing an issue. To miss placing an ad in an issue, we would consider the same as losing money.

Our advertising records for 1926-27 show the following:-

1. We used 27 outdoor and general magazines, and find that Outdoor America led them all in the amount of business produced in dollars and cents.

2. A very large proportion of these ads produced over ten times their cost, in the amount of business secured. This indicates to us that Outdoor America is read by interested sportsmen that have money to spend.

We have found it necessary under present business conditions to somewhat reduce our advertising appropriation for this year. However on account of Outdoor America's splendid record we have increased our schedule for space with you this year, as we feel it is profitable for us to do so.

With best wishes for your continued prosperity and growth,

Sincerely yours,

TERRELL'S AQUATIC FARM

CBT:A

(Signed) Clyde B. Terrell.

"Bess," English setter belonging to Burr Lichty, retrieving quail.

brain with a repetition of the performance, just a little more severe than the first lesson.

If this lesson is successfully imprinted on his mind, it will serve as the multiplication table to his future career.

Permit no slipshod or half hearted response. Make each repetition the best until he has learned this one lesson perfectly. Take a month with five minutes' time each day before you go to the next lesson.

Right here is a good place to mention a word about the choice of names for your dog. One syllable names with a broad vowel are always the best. Avoid such awkward names as "Togo," "Nuisance," "Mischief," "Rowdy," "Bother," etc. Give him a short, snappy name that carries with the voice as "Jack," "Sam," "Doc," "Rock," "Hark," "Rex," etc. "Cutie" names will add nothing to his usefulness and may even act as a hindrance.

Retrieving may now be taught. The chances are that he will do it naturally, but insist that he bring a thrown stick, cob or ball all the way back to you with the command, "Come, Jack," when he has found it. Make it serious business and not just side play. If you have been thoughtful not to frighten him, he will readily take to water, to bring the thrown object back. Don't overwork him. Cease before he tires and becomes indifferent. Encourage him with a scrap of food when he has done his work well. It is a little reward that works wonders with a young dog.

Teaching him to "down" is of little use. It is a relic of old muzzle loading shotgun days when it was advisable to have a dog lie down until the gun was reloaded after firing. The command "Charge," for "down," is not a good term. If you want him to drop, command "down," and press firmly with the finger between his shoulder blades until he is all the way down. If he gets up and runs away, don't lose your temper, but insistently lead him back to the spot and force him down until you conclude the lesson by a cheery "All right."

A very valuable command for a well broken dog is the one to "whoa." This is easily taught. Attach a leash to his collar and place a pan of food in front of him, but do not permit him to eat, that is, not yet. Lead him away thirty feet. Now

(Continued on page 87)

Notice to all good Waltonians

over $3,000.00

WORTH OF HUNTING, FISHING AND CAMPING EQUIPMENT WILL BE GIVEN FREE AS PRIZES IN THE

Field & Stream

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$280. worth of equipment for the 6 biggest Brook Trout, for the 6 biggest Brown Trout, for the 6 biggest Rainbows, for the 6 biggest Small Mouth Bass and for the 6 biggest Large Mouth Bass. In each case the first prize is $100 worth.

All members of the Izaak Walton League and readers of Outdoor America are cordially invited to take part in this contest.

Each year for seventeen years Field & Stream has held a national prize fishing contest, and has given as prizes during that time close to $50,000.00 worth of outdoor equipment. In spite of the large number of entries every year, a good third at least of these prizes have been won with fish not extraordinarily large. Last year many valuable prizes were won with such fish.

We urge you to get into this contest this year. Enter every fish you take that is better than average—a 2c stamp each time is all it will cost you. And being in the contest will add tremendously to the fun your fishing will give you this year.

Complete information about prizes, classes, rules and conditions will be found in the current issue of Field & Stream. Get a copy from a newsdealer; or, better still, send us this coupon with 50c (stamps will do) for a special four months' subscription ($1's worth).

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I accept your special offer to OUTDOOR AMERICA readers. For the enclosed 50c send me your next 4 issues.

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O. A. June '28

Your Dog And Mine

Edited by OZARK RIPLEY — *Dog Editor,* OUTDOOR AMERICA

Hazards of the Shooting Dog

ALL my sympathies go eternally with the young dog that has been chosen for shooting purposes, as well as with the young sportsman of only partial sophistication in canine affairs who starts selecting and training a dog for his avocation afield. There are old timers, too, who have my sympathy. They belong to the class whose opportunities are very limited, both for shooting and for actual experience, because far too often these vital matters put them in a rut, from which it is almost hopeless to withdraw them, proving that the old adage, a little knowledge is a dangerous thing, is applicable in dogdom.

The old timer whose dog experience has been entirely confined to his own efforts and training itinerary is to be pitied greatly. His days of dogdom he lives within solely what he has seen and done, and a circumscribed career ends always in faultiness. The fact of contrasts, seeing other dogs and their ways, other sportsmen and their methods of handling dogs, has been denied him. The human element asserts itself so that all his advice to others, while strictly honestly conceived, is confined to his own experience. And the unfortunate part of it is that it is to such men the amateur goes for advice, as seemingly there is as much affinity between them as a human's thirst and a glass of foaming brew in the pre-Volstead days.

Right now, I am thinking of one of my abiding passions, the young dog. My love of young dogs is so great that I could plead guilty to any accusation of canine erotics. I am constantly visualizing the interesting chaps, and invariably contemplating the similarity between them and the very young boy. No wonder these two, when opportune occasions present themselves, are always inseparable! Both of them are influenced by instinct, which has a very dominant part in urging them to do things in their own sweet way. They will do it, too, whether right or wrong, unless the controlling hand directs them at the proper, psychological moment, and patiently offers bestowals of appreciated attention for meritorious efforts.

The hazards of the shooting dog enter into the growing itinerary of the youngster from the time it is weaned, through its training and field career, and up to the last moment when it lies down and goes on the unknown trail to dog heaven.

That it is human to err—and this through the most praiseworthy intentions, is verified by man's mistakes with young puppies. Despite the fact that they should be wormed at an early age, this important factor is neglected, or entirely overlooked. Ofttimes the matter is delayed because the owner dreads giving the treatment, conscientiously believing, which is not the case, that the treatment is too severe at that age. Whereupon, the puppy, if by chance it happens to survive the neglect, grows up anaemic and does not display the rugged proportions it should.

External parasites are frequently as apt to be overlooked as the internal kind. Fleas and lice can be prevented with dips, among the best of which is the old sulphur lime dip. And when one will not take time for regular dips, they can get lots of temporary eradicators among the coal tar products and especially prepared soaps. The existence of vermin of any sort is at all times inexcusable. Cleanliness is next to godliness in the category of preventatives of dog diseases, and still it is forgotten altogether too often.

Distemper is another hazard that the majority of dogs, before they reach maturity—and often after it, too—have to chance. A sovereign remedy I have not yet seen. Good care wages half the battle against the enemy, and extra precaution after the disease has run its course is just as important in order to ward off the dreaded enemy, chorea. To bring dogs out for exercise too soon after distemper, or exposing them to cold leaves many a high class prospect in a wretched condition, from which few recover afterwards.

Unfortunately, a young dog has nothing to say about his future. Instinct is his ruling master, as well as his trusting love for man. He is the object upon which certain instructions are to be bestowed, whether he is the quality of canine for the purpose or not. His destiny is partially conjecture if he happens to fall into the care of an amateur handler, though individual greatness may be stocked in bristling quantity throughout his highly nervous system.

If the young dog could tell his troubles, other than by the plaintive lights in his intelligent eyes, he would have lots to say about his future and particularly about the fairness with which he was judged when given the once-over for his possibilities as an actual prospect.

Admittedly, the bird dog has brains, especially brain for the work for which Nature has destined it. The big travesty lies with the amateur in selecting the wrong sort of youngster for conforming to his own ideas of how a shooting dog should act and accordingly be trained. Luck so happens that the fellow who wants a big goer selects a youngster with very restricted proclivities, and the tragic hazards come in to play equally when a dog with natural, outstandingly big going characteristics is chosen for close ranging or entirely for what is known as cover shooting.

Amazing as it may seem, a dog of modest range or covert shooting type can be made to hunt by body scent if his handler is a capable instructor, or one who knows the real meaning and continual significance of it. But, usually, the dog is not given a thorough opportunity to show or even develop well this trait. His handler is then the dog's gravest hazard. The handler tries to improve on instinct and the first thing you know the dog is following the active route of his handler's commands, against his own instincts.

Those footscenters! Hear how the young handler encourages or, rather, cultivates the deplorable act. Invariably he wants the puppy to point before Nature says so. If the youngster starts at an early age to draw on birds continually or really points, however the act is done, whether to body or footscent, immediately he forces that youngster to point constantly, though he might be doing it in the least possible desirable manner.

When a dog shows that his pointing instinct is latent, immediately the handler forces the dog to point through the use of the whip or force collar with a lead attached to it. Whereupon, the animal, fearing to disobey, begins to draw up on all sorts of footscent at every occasion and becomes so intense about doing it, as well as keen to discover it, that ultimately he fails to acquire any knowledge of body scent pointing, and results finally and perpetually during his career to ranging out in quest of footscent and upon finding it trails the quarry down and points, when the opposite way of finding the birds in the wind is much better and in every way more accurate in locating and making the birds lie fast.

Breaking shot is an amazingly ubiquitous habit acquired by bird dogs. The dog points. The gunner fires, and, in an instant, the dog pounces in to retrieve the dead or cripple, or else dauntlessly rushes out, trying to keep up with the winged creatures in order to locate them again. In itself, it is a bad enough habit; and what of those it cultivates later on? Most breaking shot is forced upon the dog by inferior handling, by unsteadiness on the part of the individual who is supposed to direct the commanding reins. When the hunter breaks shot or loses his poise in his anxiety to get game that is killed or knocked down, he forgets to bestow any attention whatever on his charge.

The dog points. The hunter fires and knocks down a bird or two. Whereat follows a race between the master and the dog to get in the whereabouts of the kill first. Usually the master for a short distance is as speedy as the dog. Though the dog may have been steady for a while, it should be remembered that he is continually trying to do just as his master. If the master breaks shot, as he so frequently does, how is the over-anxious dog going to resist the temptation of doing the very same thing?

The dog world is full of blinkers to a lesser or greater degree. This nervous act is enhanced every time, or developed by an incapable, or, ofttimes, an irascible master. The handler who can not control his own feelings is a disastrous hazard to the young dog. Study the particular hazards in this respect and they loom up tremendously. Think of them: the man who can not con-

OZARK RIPLEY is accredited with knowing more about dogs than any man in America. He is glad to answer by letter all queries accompanied by a two-cent stamp. Space allows us to publish but a very small proportion of the thousands of questions he answers each month for the readers of OUTDOOR AMERICA.

—EDITOR.

trol his temper, the one devoid of patience, the cruelties of the insanely loud voice and its deplorable compatriot, the promiscuous use of the whip! These methods are actuated by unbridled minds, and the existence of a ruthless feeling that all in dogdom is accomplished by force and loud shouting.

Do not forget that there is a strong semblance of the dog nature to human nature and a subsequent susceptibility to nerve centers. Dogs are bred for a purpose; on this account they are far better bred than human beings, at least, than most human beings. By exhaustive selection of the parents like has been made to produce like for many generations of the same kind of performers. Such attention has not been bestowed on humans. They are bred in a sort of catch as catch can way, without thought of the performance of ancestry; sentiment, lust, or, what in common parlance is called love, are everywhere the arch regulators. Very seldom are blood lines regarded in the scheme of mating human beings. Is it any marvel, then, that there are so many mongrels among men, when if such breeding methods were applied to dogs, every sportsman would immediately hold up his hands in horror? The biggest hazard of the high class dog is nothing else than that all his highly bred, sensitive instincts have too often to be directed by a mongrel master.

Dogs are timid, sensitive, eager, sometimes over-eager, and the category of their traits is nothing less than an exhibition of varied slants. Boldly speaking, blinking is an expression of fear in the dog's mind that the act of handling the game may not be done properly, as well as, I believe, a doubt in the dog's mind as to the feasibility of the method. So, when such a feeling is ascendant, rather than possibly commit a fault, he slips out of getting into permanent contact with the bird or birds. He evades opportunities, openly, in many cases or so secretively in some instances that the unsophisticated handler is unaware of it.

I admit that nothing is more nerve wracking than to see a dog leave its point, nothing is more exasperating than to see a dog dodge his opportunity whether brazenly, or artfully concealed from the master. But the blame in the matter irrefutably rests with the handler, though I admit that the habit crops out occasionally when a handler is at a loss for the reason for its occurrence. But rather than delve into the intricacies of exceptional cases my purpose in this article is to disclose the cause of these cases that are obvious.

Visualize the loud-mouthed trainer, the vigorous, ignorant application of the whip, and the perpetual insistence on the young dog's coming to point on every possible occasion, even before its instinct has developed. When all these overwhelm a timid, young dog, ultimately it becomes apprehensive of every move and utterance until it construes them in some way with the presence of a bird or birds. Naturally, the dog fancies that soon undesirable afflictions can be avoided by ignoring the birds, avoided by graciously drawing away from them, instead of reaping a heap of abuse if, by chance, it happens to flush one of them.

A big hazard in this matter of blinking will be avoided by amateurs if they will be extremely careful when they handle a dog while it is attempting to make birds lie on bare ground. At the best, it is not an easy matter. But before you begin corrective measures, permit the dog to try to solve the matter alone, even though at first it commits many flushes. Your yelling at the top of your voice the inevitable

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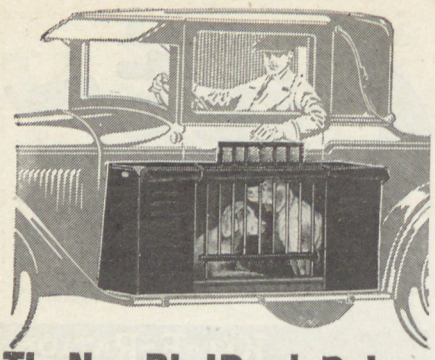

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Dear Ozark Ripley:

Is there anything that can be done for a dog that is water shy? I have a nice Irish water spaniel which I have never been able to get into water. He was eight months old when I got him last September.

READER.

Dear Reader:

Do not try to get your water-shy spaniel to go into water while it is still cold. Later when the weather becomes warm take him on all your jaunts with you. Wade in shallow water yourself, having the dog come to you in places where it is not sufficiently deep to necessitate swimming. Play with him there in the usual manner, encouraging the dog to jump around and find some pleasure in accompanying you there. If you see the dog flinching water, stop right away and do not commence to play with him elsewhere. In a short while he will develop a fondness for water and ultimately be taught to retrieve from it. If your dog is not a natural retriever you will have to teach him force retrieving. Most dogs become water shy from trying to get them to do too much in water.

OZARK RIPLEY.

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Dear Ozark Ripley:

I have a very promising Pointer one year old. He is rather rangy and hesitates to come in at whistle. Would whipping relieve this trouble, or what do you advise?

He also follows a running pheasant very rapidly and flushes it sometimes before he can get set for a point.

Sincerely yours,
W. C. SMYTH,
Coldwater, New York.

Dear Mr. Smyth:

Provide yourself with a force collar and a lead and steady your dog with it down to point.

When the dog is too rangy and does not come in at whistle, show it that you can run it down, catch it and bring it in to where it disobeyed your command. Often if your dog is not inclined to bolt you can cure him from being too rangy by taking him out regularly and changing the route he sets out for every five minutes.

Very truly yours,
OZARK RIPLEY.

Attacks of Coughing

I own a very fine English Setter about eight years old. For the past year or more, he has been affected with a chronic hacking cough. During the hunting season when he is hard and off flesh and taking exercise, he does not cough, but as soon as he becomes idle and fattens up, he has an almost constant cough. The cough seems to result from a throat infection as there are no signs of cold or general bad health.

It is intensified by excitement as when he welcomes me on a return home. Barking causes a paroxysm of coughing.

Very truly yours,
MATTHIAS MAHORNER,
Homosassa Springs, Fla.

Dear Mr. Mahorner:

The condition of your dog is due to thickening of the membrane of the throat. It is seldom curable, and cough mixture helps very little.

Some cases are cured by the old-fashioned remedy of goose grease—to one half pint of which has been added two teaspoonfuls of coal oil—rubbed in well.

Very truly yours,
OZARK RIPLEY.

Too Young to Hunt

Dear Ozark Ripley:

I have a hound dog just six weeks old. He is part beagle and part red bone. I would like to train him for a rabbit dog. Would you please tell me how to go about it and when to start?

Very truly yours,
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Dear Mr. Ensler:

Your dog is too young now to think of starting on game, but when he gets to seven or eight months, take him out alone regularly in a rabbit country, and develop in him a love for hunting. See that he gets on rabbits and ultimately starts and follows scent. While he is starting never take him off a trail until he has run it to an end. If he shows no liking at first for game, take him out with an old dog that is a good hunter.

Very truly yours,
OZARK RIPLEY.

Breaking in a Mongrel Dog

(Continued from page 83)

turn and walk towards the food. He will need no urging to get to it. Advance ten feet forward, then jerk him up sharply, and command "whoa!" Make him stand steady for a full minute, then advance another ten feet, again sharply checking him, and commanding "whoa!" When he is within a yard of the pan, check him, and keep repeating "Whoa! Whoa, Jack! Whoa," all the while petting him. Reward him by giving him a cheery "all right," and let him finish unmolested. As I wrote this last sentence, Bess, my loveable orange and white English setter, came and put her head on my knee, and stood looking up at me with those fine hazel eyes that bespeak affection and loyalty, for a little love pat. She received this very same treatment four years ago, and if you hesitate about trying it on your dog, write Judge Wood and ask about Bess. He has shot too many pheasants over her since she was a year and a half old to lack appreciation of her fine sense and good judgment, concerning game birds and parlor manners.

Now for the last lesson. When "Jack" has learned to "Whoa!" first rate, throw a stick over the back fence, and make him "Whoa!" until you want him to fetch, and then shout "Hike!" He will race away after the stick and when he finds it a "Come, Jack," will fetch him back with it. After he is accustomed to gun fire, and has learned the joys of hunting, the order to "Hike" will be a welcome command to go into the brush and scare out a rabbit. If he has learned his lesson well, a command to "Whoa!" will stop him from chasing birds or rabbits if you want him to remain steady. If not, the check cord with the knotted loop well back of his ear will teach him in short order.

If I have not tired you, I am glad. If I have dropped a hint that will give you the joy of mastery over a poor dumb beast, that looks to you for his guidance, I am happy for both of you.

After all, the object of education for boy or dog is not to burden the pupil with monotony, and drudgery, and so humble his spirit that he has little or no love for his work. Instead, its purpose is to foster orderly habits, and to cultivate a desire for self improvement with courage and a happy disposition, whether it be dog or boy.

Now a word about Judge Wood. I have camped and hunted and canoed and fished with him many, many times, and hope to do it all over again many, many times more. Of all the outings I think none shall remain with me so vividly and with more happy remembrances than that one when he baked a juicy apple pie, in a reflector oven in front of an open fire in the snow clad woods one January day, years ago. Ask him to tell you how it is done, boys, but don't mention anything about mushrooms. When we have them for supper, he insists that I eat a lot of them, and if I am alive in the morning, it's his judicial way of deciding whether he shall finish what is left.

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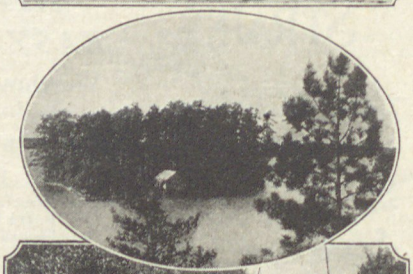

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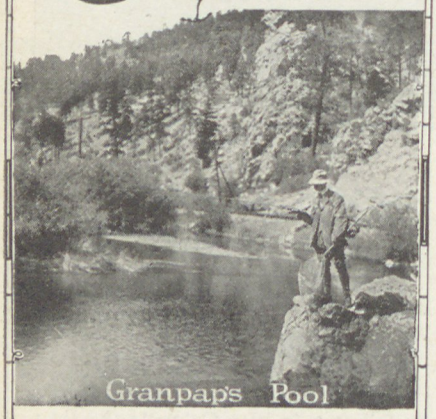

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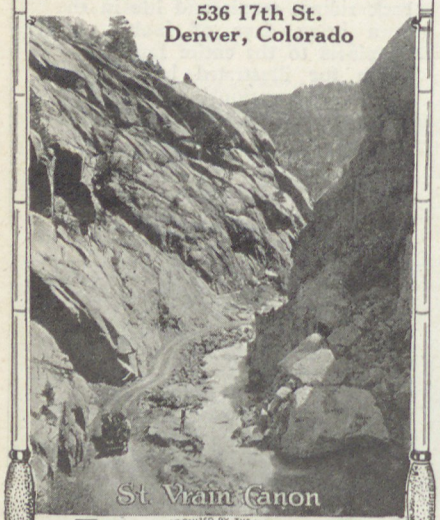

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Classified for the Convenience of our Readers

June, 1928, Issue Outdoor America

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YOU are wanted to resilver mirrors at home. Immense profits plating autoparts, tableware, etc. Write for information. Sprinkle, Plater., 720, Marion, Indiana. (3-8)

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Camps and Cottages—Continued

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Dogs

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CLASSY Pedigreed Airedale Puppies; males $15. Prompt service, safe delivery guaranteed. Guy Dille, Ridgeway, Ohio. (3-7)

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DALMATIANS. Guard home and automobile with a coach dog. Choice puppies for sale. Price reasonable. Regal Dalmatian Kennels, Nevada, Ohio. (3-6)

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MY two first class Rabbit dogs for sale. The pair for $30.00. I pay express. Dick Stubblefield, Mayfield, Ky. (3-6)

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Dogs

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NEWFOUNDLANDS, mammoth, healthy, intelligent registered dogs. Pups for sale. Birky Kennels, Fisher, Illinois.

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ESPECIALLY fine litter English Setter Puppies whelped March 14th. Delivery after May 10th. Sire:—Winmospeck No. 103820. Dam:—Commissioners Bess No. 79996. Ozark Ripley says of Sire: "Best setter I've seen since Tony Boy." Judge Wood says of dam: "As good a dog as I've ever shot over." Five males, $35.00. Three females, $25.00. Burr G. Lichty, Waterloo, Iowa.

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REGISTERED Irish Setter bitch Queen Sappho Bahadur will whelp from time of Modoc May 15, 1928. Price $100.00. Earl Palmer, Shelton, Nebraska.

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FOR Sale: English Setter Pups, with papers, photo. L. W. Peyton, Normal, Ill. (3-7)

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DOBERMANN-PINSCHER puppies, eligible, black and tan, at a bargain. Dr. Lueschen, Columbus, Nebraska. (3-8)

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Dogs

Spaniels

SPRINGERS. Beautiful Litter: 2 black and white males, 5 liver and white males, 1 liver and white female. Colors run strong, little white. Prices thirty-five to fifty, delivered. Whelped March 26th. Sire-Ch. Thiebeau of Avandale, (Ch. Pierpont-Lass by Ch. Flint of Avandale). Dam-Patsy of Winneshiek. (Dolores by Ch. Horsford-Harbour.) Also one white and liver female, $35. One liver and white female, $50. Delivered. Papers. Above bloodlines. Ten months old. All sales must satisfy. G. Schuler, Orfordville, Wis. (3-8)

IRISH water spaniels, genuinely curly coated rat-tails. Splendid retrievers, land or water. Wonderful intelligence. Easy trained and handled. All puppies from experienced workers. Also youngsters and trained dogs always on hand. Percy K. Swan, Chico, California. (7x27)

AMERICAN Water Spaniels. Small type, brown, curly coated, semi-rat tailed strain. Registered puppies from trained hunters, and retrievers. Price, $25.00. Rimrock Kennels, Box 87, Des Moines, Ia. (3-6)

SIX Springer Spaniel Pups. Dam, Queenie of Minot. Pups nearly solid Liver. Black and white male. Ten months old, partly trained. Kennels on Platte Rivers. Leon J. Cherny, Rogers, Nebr. (3-8)

ENGLISH Springer Spaniels. A choice litter of liver and white puppies. Sired by Chief of Iowa. Chief at Stud. Working stock. Charles F. Widman, McGregor, Iowa. (3-7)

WATER Spaniels. Pups. Half Irish, half cocker. Well bred parents. Retrievers on land and water. Males $15.00. Females $12.50. Charles Gallagher, Spencer, Iowa. (3-8)

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SPRINGER Spaniels. Two imported champions at Stud. For sale, puppies, youngsters and bred bitches. Avalon Kennels (Reg.), Canal Fulton, Ohio. (3-6)

FOR Sale: Brace of Springer Spaniel Bitches. Excellent Broods, workers and bred to first-class dogs. Field Trial Breeding. John Stewart, Minot, N. D.

SPRINGERS. Two grown dogs and 3 proven bitches. (2) litters Dec. and Feb. whelping. Prices very reasonable. Grant Schopp, Abilene, Kans. (3-8)

COCKER Spaniel Puppies, Dam a daughter Champion Obo Donatello. Priced reasonable. Ben Wiemeyer, 916 East Chestnut, Louisville, Ky. (3-6)

FOR Sale: Purebred Brown Spaniel Pups six months old. Rat tail, curly coated type. Price $15.00 each. E. T. Hall, Sterling, Colorado.

FOR Sale: Springer Spaniel Pups. Best Blood lines. Priced right. Write for breeding and photos. John N. Page, Vincennes, Ind.

SPRINGER pups three months old from registered hunting stock. One bred bitch. Get photo. Fred Swanson, Stromsburg, Nebr.

AT Stud: Registered Springer by International Champion Boghurst Rover. Pryor & Dosdall, Red Wing, Minn.

AT Stud, a registered Irish Spaniel, sired by Irish Tony, dam is Topsy O'Dare; fee, $15. Ship to J. W. Lockie, Pomeroy, Iowa. (3-6)

IRISH Water Spaniels. Puppies, youngsters and several fine brood matrons. All papers. C. C. Scharfenberg, Hayward, Wis. (3-6)

REGISTERED Springer and Irish Water Spaniels, best of blood lines, priced reasonable. Pryor & Dosdall, Red Wing, Minn.

SPORTING Spaniels. Booklet on their training for sport or field trials, etc. Price 50 cents. John Stewart, Minot, N. D. (3-7)

IRISH water spaniel. Female. Nine months old. Exceptional quality. Price $50.00. H. L. Franklin, Greeley, Colo. (3-8)

COCKER Spaniels. Beautiful youngsters; from thorough hunters, registered; $25 up. Pellor Farm, Northeast, Pa. (3-6)

PEDIGREED Springers. November puppies. Sire several times winner, $25. Grant Nichols, Ellensburg, Wash. (3-8)

SPRINGERS. Avondale bloodlines. Beautiful youngsters. Priced reasonable. Bondora Kennels, Park Falls, Wis. (3-8)

IRISH Water Spaniels for sale. All ages. Working stock. Eligible. M. M. Oliphant, Missoula, Mont. (8-1)

HAVE your spaniel trained by Burhan's Training Kennels, Waterloo, Iowa. (3-5)

SPRINGERS, imported stock, low prices. A. C. Johnson, Winthrop, Minn. (3-8)

Dogs

Terriers

IRISH Terriers. Individuality, gameness. The companion you have always wanted. Registered. Dr. F. G. Dratz, Missoula, Mont. (7x26)

AMERICAN Bull Terriers. The great sport dog. Pups and grown stock for sale cheap. C. J. Bourgeais, Opelousas, La.

IRISH Terriers. High class puppies of best blood lines at nominal prices. Ellsmere Kennels, Macksburg, Iowa. (3-7)

IRISH terrier puppies, 3 to 10 months old. Altura Kennels, Route 1, El Paso, Texas.

Training and Boarding Dogs

COCKERS, Springers, Spaniels, Retrievers trained for land and water work. Burhans' Training Kennels, Waterloo, Iowa. (3-5)

FRYE'S Kennels, Finger, Tenn., wants young coonhounds for training. Give that good hound a chance. Rates $10.00 per month. (3-7)

WANTED: Pointers, Setters and Spaniels for training. All faults corrected. Dogs boarded. C. W. Tuttle, Ina, Illinois. (6x28)

HUNT'S English Setter Kennels, New Hartford, N. Y.

Wanted—Dogs

WANTED Puppies, all breeds. Write age, sex. Lowest price in first letter. Market Pet Shop, 439 Market St., Philadelphia, Pa.

Dog Remedies and Supplies

TETRACHLORETHYLENE for worms. A safe treatment for puppies and an effective treatment for grown dogs in cases of hook and round worms and running-barking fits. This new wormer was discovered by the Department of Agriculture and found as effective as Carbon Tetrachloride but safer to use in capsules for dogs and puppies. $1.00, postpaid. Harrison Chemical Co., Dept. 15, Quincy, Ill. (7x26)

YOUR money back if Minerola fails to cure Distemper or Running Fits. Dealers here's your chance. Last year one customer sold over eight thousand packages without a single complaint. $1. Pkg. Postpaid. Minerola Remedy Co., Box B, Owensboro, Ky. (3-7)

MAKE you own dog and puppy cakes and soft foods; know just what your dogs are getting and how much proportion. Recipes and full directions, 25 cents. Smith Bassett Hound Kennels, Spring Valley, Ohio.

RUNNING fits absolutely stopped in 24 hours. Has never failed. Treatment for one dog, $1.00; 3 dogs, $2.00, sent postpaid. Mt. Yonah Farm Kennels, Cleveland, Ga. (3-6)

Engines, Motors and Dynamos

FOR Sale: Brand new 6 volt Bosch motors, $3.75 each. One thousand watt, 32 volt, new Westinghouse power and light generators. Will operate off the rear wheel of your automobile, also off your 1½ HP gas engine, special price of $48.00. It requires 1½ HP gas engine at special price of $48.00 each. Quarter HP, 32 volt, DC motors at $10.25 each. New 110 volt vacuum Cleaners, equipped with General Electric motor, $17.95. Satisfaction guaranteed. New Everlite 32 volt, 1250 watt light plants at $169.75 each, complete with engine. Write for free catalog. Do not buy; consult us first. General Distributing Company, Security Storage Building, Duluth, Minnesota. (5x28)

Firearms and Ammunition

B & M SPORTER, Watson Sights, Telescope Sights, Reloading Tools and Components, Cleaning Rods and other Accessories. Free Circulars. Complete Handbook fifty cents. Belding & Mull, 832 Osceola Road, Philipsburg, Pa. (3-7)

EXPERT gunsmithing. Restocking to order from five to eight dollars. Thirty-five years' experience. Work guaranteed. William Tietz, So. St. Paul, Minn. (3-7)

RIFLE Telescopes for hunting and target. Send for catalog. Malcolm Rifle Telescope Co., Auburn, N. Y. (3-6)

ALUMINUM butt plates for rifles and shotguns. Write the Springfield Aluminum Plate & Castings Co., Springfield, Ohio. (3-7)

WALNUT gun cabinets at factory prices. Illustrated folder free. Corbett Cabinet Company, St. Marys, Pa. (3-8)

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NATURAL Duck Food Plants: Sago Pondweed, Wild Celery, Widgeon Grass, Redhead Grass and Chara for propagation. These Natural Duck Food Plants are gathered and packed by experienced planters. They are practically evergreen. They will attract and hold wild ducks in your ponds, lakes and streams. Expert planting advice. Address: Russell A. Griggs, Hampton Lodge, Waterlily, N. C. (3-6)

DUCK! Fish! Muskrat! Foods! that bring them in swarms. Terrell's seeds grow. Plant now. 32 years' experience. Advice free. Write for prices. Terrell's Aquatic Farm, 81 L Blk., Oshkosh, Wisconsin. (3-8)

DUCK, goose, fish, muskrat attractions, celery, sago pond weed, widgeon grass and others. White's Game Preserve, Waterlily, North Carolina. (3-8)

MINNESOTA Wild Rice Seed. Write for special prices. Prompt delivery. MacGregor-Dennerly, Aitkin, Minnesota. (12-4)

WILD rice seed. Minnesota Wild Rice Co., LaPorte, Minnesota. (3-5)

Fishing Tackle and Bait

TROUT Flies, 10c value, assortment of 25, $1.00; Bass Flies, 25c value, assortment of 15, $2.00; Fish Knife, $1.25 value, 60c. Plugs, $1.00 value, assortment of 6, $3.00. Silk line, 50 yds., $2.00 value, $1.25. Pflueger Buckeye Reel, $6.00 value, $3.50. Satisfaction guaranteed or money back. Catalogue free with order. Fisherman's Supply Co., Jefferson & Olive Sts., St. Louis, Mo. (3-8)

FLY or bait rods made by our expert rod maker, Win. Coultas, of special selected and evenly balanced, split bamboo, are a dream. New joints made to match your Rod. All kinds of rod repairing. Let us make you a rod. Satisfaction guaranteed. Ware Brothers Company, Spokane, Wash. (3-7)

GILMORE'S Automatic Weedless. A Selfstriking, Single Hook, Bucktail Lure. Winner of 2nd and 4th prizes in the National Bass Tournament recently held in Leesburg, Florida. "Nuff Sed." Price $1.00. Order now. Folder upon request. E. L. Gilmore & Co., Youngstown, O. (3-7)

ANTI Backlash Attachment for fishing reels, easily applied. Our self thumber beats any anti backlash reel. $1.50 guaranteed. Fish Hook Co., Windfall, Ind. (3-8)

BEST yet. Catfish bait. A little better than the best. For throw lines unexcelled. 60 cents each, two for one dollar prepaid. W. W. Hughes, Bayard, Nebraska. (3-8)

HEINZELMANN'S famous hackle flies. Long streamer tail feathers. No pork bait needed. 3 for $1. Heinzelmann Mfg. Co., 313 E. 12th, Kansas City, Mo.

CANNIEST trout flies for canny fishermen. Special designs, tarpon scale wings. A dollar brings you two. Dick Meyer, Appleton, Wis.

CATCH catfish! One dollar for successful plan; fifty cents for bait recipe. L. H. Davis, Calmar, Ia. (3-8)

REAL trout bait. W. Grover, Bristol, Vt.

CAT Fish will bite. Send 50c for secret how to prepare a natural bait. No drugs or anything to buy. Bait easily gotten and prepared. Guaranteed or money back. Carl A. Haberlein, McPherson, Kansas. (5-9)

FISHERMEN! Sportsmen! 50 Doughball baits for fishing and recipe for making same with instructions. 50c postpaid. Henry Bergman, Box 9, Springfield, Missouri. (3-7)

FISHLINE Sinkers. Cast your own. All popular sizes. Complete instructions with mold. $1.00. Dolph Mfg. Co., Cedar Rapids, Ia. (3-7)

BASS flies expertly tied. Your specifications. Best materials. Three to nine dollars dozen. Geo. F. Reinhardt, 1908 Washington Ave., Kansas City, Kansas. (3-7)

SOUR clams, best catfish bait, two pounds postpaid, $1.00. Doughbait, guaranteed for carp, two pounds postpaid, $1.00. Curtis Grigg, Hopkinton, Iowa. (3-8)

FISHERMEN fool the fish. King of all decoys. Results certain. The outfit and full instructions, one dollar. J. C. Roberts, P. O. Box 74, Lake Charles, La. (3-6)

SPENT wing dry flies, expertly tied; 12 patterns; trout, $2.25; bass, $3.00 per dozen. H. Nieboer, Sparta, Mich. (3-6)

Food Products

PURE maple syrup (Government Test). Per gallon, $3.75 postpaid. Wm. Simpson, Birchwood, Wisconsin. (3-6)

PURE Maple Syrup $2.50 gal. Hillside Grove, Sheldon, Vt. (3-7)

Game, Birds and Animals

WE offer extra fine, dark, Northern Minnesota Muskrats from our Battle Creek and Pine River Muskrat Ranches, for breeding stock, for delivery during 1928. $25.00 per pair for single pairs. Special prices for quantity contracts. All orders will be taken care of in the order received. Ten Thousand Lakes Fur Farms Corp., R. F. D., Lake Elmo, Minnesota. (9x27)

PHEASANT Eggs. I have now for sale eggs for hatching of the following varieties: English Ring Neck, Chinese Ring Neck, Golden, Lady Amherst, and Silver; all guaranteed to be from strong, pure-bred, non-related birds. Full instructions with shipment how to set eggs and raise young successfully. Est. 1895. Wallace Evans Game Farm, St. Charles, Ill. (3-6)

SPECIAL prices on silver fox. Prize winning blood. All stock registered. We were offered and received up to $400.00 for raw pelts this season. Also other fur animals. If you want stock that has fur value, write us. Free catalog. Huber's Silver Fox & Game Farm, Long High St., Fostoria, Ohio. (5x28)

MUSKRATS for breeding stock. Priced right. Live delivery. Sex guaranteed. Dark Beauties. Book just out on Pen and Ranch Raising of Muskrats. Real information. Price one dollar. Satisfaction guaranteed. Columbine Muskrat Farm Co., Denver, Colo. (3-7)

OPENING announcement. For sale, extra fine Northern Minnesota Muskrats, $15.00 per pair. Special selected. Ordinary selected, $12.00 per pair. Write for special prices on quantity lots. Rock Lake Fur Farm, Joseph Hengel, Prop., Staples, Minn. (3-6)

ALASKA Minks, Super-quality Northern Minnesota minks, Blue Foxes, Alaskan Silvers, finest quality. Booking orders for spring and fall delivery. Herculean Fur Farms, Comfrey, Minn. (3-7)

PHEASANT eggs and chix. Ringneck, Mongolian, Melanotus, Silver, Golden, Reeves, Amherst, Manchurian, Versicolor and Swinhoe. Wild Mallards. Large eggs from strong, vigorous stock. Lux Game Farm, Hopkinton, Iowa. (3-6)

MUSKRATS. Booking orders for Fall delivery. Large, dark Rocky Mountain strains. Live delivery guaranteed. Orders filled in rotation as received. Conejos County Fur Farms, Box 5, Romeo, Colorado. (3-7)

SUCCESSFUL Mink Raising, by an experienced rancher, with drawings and illustrations, mailed for $1.00. A limited amount of breeding stock for sale. Davis Fur Farms, Inc., St. Johnsbury, Vt. (3-8)

WE are accepting orders for May and June delivery of Prairie Wolf or Coyote pups, captivity bred or wild caught for restocking, breeding or pets. Jimmie Kellie, Wauneta, Nebraska. (3-6)

SILVER foxes, chinchilla rabbits, pigeons, mink, muskrat. Tell me how you are situated and I'll show you how to make big profits. Write for facts. 721 Conrad's Ranch, Denver, Colo.

FOR Sale: Mink, squirrels, raccoons, foxes, ferrets, muskrats, ginseng, rabbits, skunks, wolf puppies, opossums. B. Tippman, Caledonia, Minnesota. (3-7)

FOR Sale: For June, July delivery. Mink, raccoon, skunk, muskrat, silver, blue, cross and red fox. Comfrey Fur Farm, Comfrey, Minn. (3-7)

MINK. Interior Alaska and Northern. Pen raised. Blues and Silver Foxes. Finest quality. Booking orders for Spring delivery. Herculean Fur Farms, Comfrey, Minn. (3-7)

THOROUGHBRED Roller and Yorkshire Canaries. Fine healthy singers and breeding pairs. Satisfaction guaranteed. Frank Caduff, 317 16th Ave., Newark, N. J. (3-7)

Game, Birds and Animals—Cont'd

PINE Marten For Sale. Rocky Mountain Strain. Pen raised. Breeding and feeding problems solved. H. E. Bowles, Idaho Falls, Idaho. (3-7)

PHEASANT Eggs for sale. Ringneck, Mongolian, Golden, Amherst, Reeves, Silvers. Karl J. Birnbrauer, Oak Lane, Phila., Pa. (3-8)

FOR Sale: Wisconsin Muskrats and Minks. Excellent Breeders, young or old. The Maples, Rib Lake, Wisconsin, Taylor Co. (3-7)

RING Neck Pheasant Eggs—$3.25 per 13. Jap. silkies, $2.50 per 13. Fertility guaranteed. Alex. Forke, New Brunfels, Texas. (3-7)

HATCHING eggs, from genuine small type English call ducks, $3.00 per 12 postpaid. Wm. Kroeger, Bennington, Nebr. (3-6)

UNDEVELOPED Beaver-Muskrat farm. Minnesota. Bargain. Private Lake. Covington, Box 455, St. Paul, Minn.

MINK. Best Northern Mississippi Valley minks. Select stock. Cold Spring Fur Farms, Box A, Homer, Minnesota. (3-6)

PHEASANTS, Golden and Amherst, also Japanese Silkie Bantams and Peafowl. S. M. Snyder, Metamora, Ill. (3-8)

DOMESTICATED Mallard Ducks, $3.50 pair; eggs, $2.00 dozen, postpaid. Edward L. Shaw, Ashley, Ohio.

PEAFOWL, pheasants, bantams, pigeons, wild geese, ducks, free circular. John Hass, Bettendorf, Iowa. (5-6)

PHEASANT Eggs: Golden, Silver, Ringnecks. Stamp appreciated. Highland Pheasantry. Findlay, Ohio. (3-6)

FOR Sale: California Valley Quail, Doves and rare pheasants. J. V. Patton, Hollister, California. (6-9)

WILD geese—wild ducks—decoys—Breeders. Beautiful folder free. Wild Game Farm, Mohler, Ore. (3-6)

QUALITY Red fox pups, at reasonable prices. Eyrle Nelson, Englevale, North Dakota.

CAL. Valley Quail, Doves and Rare Pheasant. J. V. Patton, Hollister, Cal. (6-11)

Help Wanted, Instructions

FOREST Ranger positions pay $125-$200 month. Nice cabin. Hunt, trap, patrol. Get free list Nat'l Forests immediately. Rayson Inst., Dept. A-12, Denver, Colo. (2-6)

MEN, get forest ranger or railway mail jobs; $135-$225 monthly; permanent; experience unnecessary. For instruction details write A. Bradford, 31 South 52nd, Philadelphia, Pa. (3-7)

DO you drive a car? U. S. Government Chauffeur-Carrier job pays $141-$175 month. "How to qualify" mailed Free. Write, Ozment Instruction Bureau, 119, St. Louis, Mo. (5x28)

MEN, get Forest Ranger job; $125-$200 mo. and home furnished; hunt, fish, trap. For details, write Norton Inst., 249 Temple Court, Denver, Colo. (3-8)

Indian Goods

PEACE Pipes, War Clubs, $5.00; Beaded Belts, Moccasins, $4.50; Watchfobs, $1.00; Bow, Arrows, $1.60; 25 selected stone age relics, $10.00; dozen fine arrowheads, $2.50. Tomahawks, Rare, $15.00. Everything in Indian Curios. Costumes. Blankets. Prehistoric Relics. Catalogue and Birchbark canoe, 25c. Chief Flying Cloud, Dept. O. A., Harbor Springs, Michigan. (2x28)

COLLECTION, stone relics, 9 perfect axes, 100 fine pieces, $65.00. J. Rasmussen, Williamson, N. Y.

Manufacturers

WIRE goods made to order. Cooley Mfg. Co., 528 N. Western Ave., Chicago. (3-6)

Miscellaneous

LOG Houses. Before building get our new plan. Logs stand upright. Easier and cheaper. Blueprints include foundation, walls, windows, roof, etc. Send $1.00 for blueprints with building instructions. Brock Blueprints, 4053a McRee Ave., St. Louis, Mo. (3-7)

WASHING Machines reconditioned. Water powers, $3.00. Mail motor only. 24 Hr. service. Hose 75c ea. Electrics $25.00. Run like new. Cylinders relined. Housman Hughes, 294 Park Dale, Buffalo, N. Y. (3-7)

MOOSE Shooting in Norway. The best and most certain rights to be had through Bernhd Brekke, Trondhjem, establ. 1880, cable address: Activ Trondhjem. Partner personally shot 76 moose. (3-8)

GRASS Chigger Relief. A guaranteed relief for chigger bites. Relieves other insect stings and bites. Price 50c. Weldon Litsey, 1122 6th Ave., Fort Worth, Texas. (3-8)

PALM Tree Seeds and instructions for growing 25c. Guaranteed. Buffington, 711 N. 3rd St., Phoenix, Arizona. (3-8)

I CATCH from 45 to 60 foxes in from 4 to 5 weeks time. Can teach any reader of this magazine how to get them. Write for particulars. W. A. Hadley, Stanstead, Que. (6-10)

WATERWEEDS removed easily and effectively from any lake, pond or river. Write for particulars. Aschert Bros., 309 East 36th Street, Los Angeles, Calif. (3-7)

FINEST large Arizona buck heads. T. E. Taylor, Holbrook, Arizona. (3-6)

Music and Musical Instruments

BRUNSWICK Portable Phonograph Plays all standard records. 10 inches square, 2½ inches thick. Weight, 10 lbs. Metal case, compact and reliable. Shipped prepaid on receipt of $10. Maurice Levy, Lyceum Bldg., Pittsburgh, Pa. (3-6)

Name Plates

DOG Collar Name Plates, 20c; Key checks, 15c. All kinds of lodge emblems on key checks. Leroy H. Eckels, 1331 Wallace St., Harrisburg, Pa. (3-7)

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BUY right and how. Anything in sporting goods direct to you as high as 25% discount. We can buy at lowest possible prices and are willing to split the profits with you. Write for any article giving manufacturer's name. Goods shipped C. O. D. same day. Guaranteed don't accept if not as ordered. We pay half shipping cost. Write for prices. Buy now for fishing, golf, tennis, baseball and camping. Sportsmen's Buying Club, Box 893, Buffalo, N. Y.

CADILLAC House Car completely equipped with beds, table, chairs, kitchenette, wardrobe, running water, electric lights, iceless refrigerator and various other furnishings to accommodate four people. Particulars and photographs furnished on request. Fahler's Garage, Mendota, Illinois. (3-8)

TO rent, during August, camp trailer. Prefer Zagelmeyer or Gilkie. Tour northern Michigan. Box 100, Outdoor America, 549 W. Randolph St., Chicago.

Patents

PATENTS. Booklet free. Highest references. Best results. Send drawing or model for search. Watson E. Coleman, Registered Patent Lawyer, 724 Ninth Street, Washington, D. C. (4x26)

PATENTS. Write for Instructions. Carl Miller, Registered Patent Attorney (Former Patent Office Examiner), 211-0 McGill Building, Washington, D. C. (3-7)

Pigeons

HIGH flying tumblers. Wonderful performers. $2.00 pair. Edw. Helman, Springfield, Ohio. (3-6)

Photography—Cameras—Pictures

MAKE money in photography. Learn quickly at home. Spare time or full time. New plan. Nothing like it. No experience necessary. Write for particulars. American School of Photography, Dept. 1298, 3601 Michigan Ave., Chicago. (12-10)

NEW Sepia Prints. A beautiful finish that improves kodak pictures. Send 8c and negative for sample and catalog of specialties. Frank Scobie, 68-S, Sleepy Eye, Minn. (3-7)

COWBOY Artist. Charles M. Russell Art prints for framing. Twenty subjects. Quarter, stamps brings sample and list. Beartooth Curio Store, Red Lodge, Montana. (3-7)

GERMAN Cameras, lenses. Barttro, 6436 La Riba Way, Los Angeles, Calif. (3-7)

Poultry

BARRON white leghorn eggs and chicks, 250 to 305 egg strain, imported direct from England by us. Our prices are low considering quality. Write for catalog. Immele's Breeding Farm, Tiffin, Ohio, Box O. (3-6)

PIT Games: "Dead game fighting fowls." Eggs, $3.00 for 15. Circulars free. S. M. White, Keytesville, Mo. (3-6)

AMERICA'S best Buff Cochin Bantams. Stock and eggs for sale. Oakhurst Bantam Yards, Northfield, Minnesota. (3-6)

100 VARIETIES Fowls, Bantams. Catalog 5c. F. C. Wilbert, Grand Rapids, Mich. (3-7)

Rabbits

RAISE fur bearing Chinchilla Rabbits, garage, woodshed or barn, spare time. Pedigreed. Healthy. Booklet 25c. Write for prices. De Camp Carson, Delta, Wis. (3-7)

JAGGER'S famous champion strain Chinchillas. Selected Chinchilla does, pedigreed and bred, $10.00. Jagger's Rabbitry, Box 1061, Station A, Pueblo, Colorado. (3-7)

RAISE Fur Rabbits, Chinchillas, Flemish Giants, New Zealands. Booklet 10c. Maikranz Rabbitry, New Bethlehem, Pa. (3-6)

Raw Furs Tanned

RAW Furs of all kinds made into neck pieces; fox or coon, $9.00 each. Same skins you send me returned C. O. D. J. G. Burst, Ridgewood, New Jersey. (3-6)

Real Estate and Lake Shore Property

WRITE the owner for prices: Choice lake frontage; cottages for rent or sale on sand beach good fish lake; tourists' resort five cottages, seven hundred feet lake frontage; two miles Wolf River frontage; large and small tracts of forest land along streams and lakes adapted for wild game; eighty acres dairy farm; new house, barns, all modern conveniences; half mile lake frontage, all in picturesque Wolf River Valley, highway 55 Wisconsin. Wallrich Land and Lumber Company, Shawano, Wisconsin. (3-7)

FOR Sale: All year country home on fishing lake in South Dakota in heart of duck and pheasant country. Six large rooms and garage, shed and summer house, two fireplaces. On main road. Beautiful country home, or large enough and suitable for hotel, eating place and lake resort. Many cottages and good rural trade would support hotel and store. Only one on lake burned last winter. Price $5,000.00. Write George H. Bowen, Huron, S. D.

FOR Sale: Specializing in Michigan recreational lands from one to 10,000 acres, we have summer homes, private lakes, lake and trout stream frontage, lots, fur farm locations and hunting preserves. Memberships in hunting and fishing clubs. When writing advise locality desired. Kent Realty Co., 915 Michigan Trust Bldg., Grand Rapids, Mich. (3-8)

CHIPPEWA River land with entire lake at $10.00 per acre; 224 acres on McCloud Lake at $6.00; 160 acres with small lake, creek and beaver pond at $5.00. Many similar tracts, all on easy terms. Also high class lake shore lots. Cottages for rent. Write for circular. Arthur Goff, Cable, Wisconsin. (3-6)

Real Estate and Lake Shore Property—Cont'd

SAGE Lake, the largest and most popular lake in Ogemaw County, Michigan. Desirable summer home sites for sale. Suitable for boat livery, lunch stand, etc. Good hunting, fishing, trout streams, spring water. Write owner. G. H. Walsh, 2735 Grand River Ave., Detroit, Mich.

FOR Sale: My summer resort of eight room house, pavilion 80x45, Garage four room, all of brick structure, located at Lake of the Woods. Five acres land connected, three cottages. Twenty good boats. Everything first class. Write Steve Button, Bremen, Indiana.

BAY Lake Shores. Charming Bay Lake 118 miles North Minneapolis. Heart Lake region. Fine beach. Bass, wall-eyed and big boys. Pines, birch, health and recreation. Lots $75. to $500. For literature write John Campbell, 4507 Arden Ave., Minneapolis, Minn. (3-8)

PIKE Co., Pa., farms, camp sites, hunting grounds, summer homes, boarding houses, many delightful spots in the Poconos, the only really wild spot left in the east, from $10 to $100 per acre, from 1 to 2,300 acres. W. A. Dunmore, Phoenixville, Pa.

FOR Sale: Pickerel River Lodge. French River District. An ideal summer home for a Sportsman, or a small Club. Completely furnished and the necessary equipment. Full particulars from F. C. Johnston, Pickerel River, Ontario, Canada. (3-8)

ISLANDS, lots, acreage, Lake Vermilion, Minnesota. Also Hunting Lodges adjacent Itasca State Park. Lowest prices. State your wants. Write today. Reuben C. Thompson, Plymouth Building, Minneapolis, Minn. (3-8)

136 ACRE fur farm, 1,000 feet frontage meandered lake. River frontage one side. Unmeandered lake completely enclosed in property. $1,350. $25 down, $10 monthly. Bank of Siren, Siren, Wisconsin.

LAKE and river front lands at $5 to $50 an acre, and islands at $100 each, and up, in the playground of Northern Minnesota. Write for list. Church Land Co., Duluth, Minnesota. (5x28)

$5 DOWN, $5 monthly; five acres fruit, poultry, fur farm; river front, Ozarks, $100.00, hunting, fishing, trapping. Harold Hubbard, 1973 North Fifth, Kansas City, Kans. (6-6)

NINE acre island in beautiful Burntside Lake near Ely, Minn. Also new stone cottage on Mainland. Herman Schneider, Athletic Club, Omaha, Nebr.

80 ACRE tract in Aitkin. County ideal for fur farming. Price, $1000.00. 4 miles from town. Joe Lampert, 2005 Pied Ave., Duluth, Minn. (6-9)

SELL your property quickly for cash, no matter where located. Particulars free. Real Estate Salesman Co., 530 Brownell, Lincoln, Nebr. (3-6)

FOR Sale: Camp or fur farm site Northern Ontario, 289 acres, small lake, $550.00 buys it. Get particulars. E. Heath, Olean, N. Y.

DESIRABLE Ozark ranch. Fruit, Poultry, Stock or Dairying. Write owner. A. Northcutt, 739 S. Jefferson, Springfield, Mo. (3-8)

FOR SALE: New cottage on Rose Lake. Best of fishing and bathing. Beautiful location. F. S. Voelker, Reed City, Mich. (3-8)

FOR Sale: Lots, islands, acreages. Lake Vermilion. Arrowhead Lakes Land Co., Tower, Minn. (3-7)

FOR Sale: 5 miles Lake Vermilion Shore properties. Sam. Kitto, Tower, Minn. (3-7)

NEAT little cottage on one of Wis. finest fishing lakes. Edgar Hunt, Barron, Wis. (4-9)

MUSKRAT and Beaver farms. Get free list. DeCoudres, Bloomingdale, Mich. (3-7)

Stamp Collecting

FINEST one cent approvals in America. Elvin Stanton, Niantic, Conn. (3-8)

FREE—3 triangles only with order for special packet of 50 diff. from all the world and our illustrated price lists for only 8c. 10 Guatemala 5c, 10 Iceland 7c, 10 Montenegro 7c, 25 Netherland 7c, 10 Newfoundland 6c, 15 Norway 4c, 10 Tunis 6c, 10 Turkey 4c, 10 St. Settlmts. 6c, 10 Fed. Malay States 6c, 5 Kedah 10c, 7 Siam 5c, 4 N. Borneo 10c. Postage extra. Hundreds of more just like them. Approvals if you ask for them. Inland Stamp Co., Room 51, 6217 Forest, Kansas City, Mo. (4x28)

"STAMP Collecting Hints." This interesting booklet sent free to beginners and stamp collectors. T. G. Bottome, 2934 Shriver, Indianapolis, Indiana. (3-6)

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If you have something to sell, and you want to be sure of selling it at a minimum expense for doing the job, put your ad in the Classified Department of OUTDOOR AMERICA.

Use the form below and mail with correct amount so that we receive it by May 25.

Write Your Classified Advertisement Here

Izaak Walton League
549 W. Randolph St.
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Classified Advertising Rate
15c per word for one insertion. 30c per word for three consecutive insertions.

I enclose $_____ for the following classified ad to run _____ times in OUTDOOR AMERICA starting in the _____ issue, under the classification of _____

Ad must reach us by May 25th to appear in July issue.

Stamp Collecting—Cont'd

UNITED STATES, 27 different, 5c, to buyers from 50% or 60% discount sheets. State size of collection. Leduc, Redlion, Penna. (3-6)

FORTY different United States 10c. Stamps on approval at 60% discount. C. Seidenberg, Baroda, Michigan. (3-7)

1,000 VARIETIES, 69c. Approvals. Kenmore Stamp Co., 705 Kenmore Place, Brooklyn, N. Y. (3-6)

600 DIFFERENT, $0.50; 1,100, $1.00. Fred Onken, 630 79th Street, Brooklyn. (3-6)

PENNY Approvals that satisfy. N. Gronberg, Box 5441, Philadelphia, Pa. (3-6)

Taxidermy

BETTER Taxidermy. Work that really reproduces nature. Scientifically correct and lifelike, according to approved and tested modern museum methods. Experts in charge of all phases of the work. Birds, game heads, fish, tanning, museum groups. Get our free circular and list of moderate prices. Wire or write to the largest natural history house in America. General Biological Supply House, 761-763 East 69th Place, Chicago, Illinois. (3-8)

F. SCHUMAKER & SONS, Manufacturers of glass eyes for taxidermists. Taxidermists' supplies. Indian beads, furriers' supplies. 285 Halliday St., Jersey City, New Jersey. (3-6)

TAXIDERMIST, Furrier & Supplies. Heads, rugs for sale. Lists, specify which. M. J. Hofmann, 989 Gates Ave., Brooklyn, N. Y. (6-10)

GLASS eyes for birds, animals, fish. Schoepfer, 16 West 36th St., New York. (3-7)

Tours

MINNESOTA-ONTARIO Canoe Tours. Day or month trips with best fishing in North America. Write for booklet. Coach Emil W. Iverson, Athletic Department, University of Minnesota. (3-8)

Typewriters and Supplies

TYPEWRITERS. All standard makes, $7 to $29. Fully guaranteed. Dee Typewriter House, Ada, Okla. (3-7)

Wanted

WANTED: Twelve gentlemen to join twenty-eight others who have option on four thousand acres Adirondack forest adjoining State Preserve. Well timbered, excellent fishing and hunting territory, two lakes and several streams containing no other fish than brook trout. Club house erected. Can be purchased at ten dollars per acre. Hour and quarter drive from Utica. All state road but three miles. References exchanged. Communicate with Geo. H. Greenman, Foster Building, Utica, N. Y. (3-8)

TROUT fishing privileges or "membership" in Brook Trout Club is wanted by a gentleman recently moved to Milwaukee, Wisconsin. Reply to G. Hagman, Manager, University Club, 260 E. Wells Street, Milwaukee, Wisconsin.

CASH paid for Butterflies, insects. See Sinclair's advertisement on page 86. (7-7)

Wearing Apparel

REAL Harris Homespun Tweeds direct from Scotland. Hand-woven in medium and heavy weights for all sports wear. Suits to measure, exclusive cut $32.00, postage paid; duty 66%. Send now for latest patterns. T. B. Macaulay, Harris Tweed Warehouse, 140 Stornoway, Scotland.

REAL Harris Tweed. The Cream of Scotch Homespuns. Direct from the Makers. Best quality only. Suit-lengths available in a large variety of lovely colors. Samples Free on stating shades desired. Newall, 162 Stornoway, Scotland. (12-12)

SWEATERS, remodeled, high turtle neck slipovers made V neck slipovers for $2.00; slipovers made buttoned coat style, $3.00. Send that old sweater today. Bullard Knitting Mills, Duluth, Minnesota. (3-8)

GENUINE Montecristo Panama hats. The best made. Direct from importer at $12, $15, $18 and $20. Allan Kelsey, Lakeview, Michigan. (3-7)

"Right Over Thar'—

is whar' the ol' bass used to lie—y'ars ago!"

THE 1928 bass season is almost here, and the same old question is in the mind of every bass fan— To catch bass or not to catch them? Of course everybody will try. But how many will be successful? The answer is easy. Here it is: Just as many as want to!

While you are thinking that one over, you might cogitate a bit on this picture. There's a swell looking youngster, really entitled to as good an outdoors and as fine outdoor sport as his father or grandfather enjoyed, yet he is being shown where the bass **used to be.**

Could that be your boy? Will your boy be shown where to **catch** bass or will he be shown where they **used to be?**

It's entirely up to you. Which brings us around to the question of how you—and your boy—can have as good bass fishing as you want.

Here's the secret: Bass can be raised, planted, and increased to any desired number. With the aid and assistance of the League, and the cooperation of the State and Federal governments, the cost will be surprisingly low. If the members of your chapter want to have some fun, the cost will be exactly zero. All you need is water. If you have it, fill out the coupon opposite and take the doubt out of your bass fishing.

"Many's the time your Dad and I have opened the bass season over thar' in that bay. They're gone now, o' course—them ol' days. But maybe there's hope yet— They've got a Walton chapter now —I j'ined myself last night—an' if the boys take full advantage o' what the League c'n do for 'em, you an' me'll have some fishin' yet—you bet!"

Izaak Walton League of America

INCORPORATED

CLINTON AND RANDOLPH STS. CHICAGO

Izaak Walton League
Clinton & Randolph Sts.
Chicago, Ill.

Attention Conservation Department

Gentlemen:

We want more bass in our neighborhood. You can tell us how to go about getting them. Please do it! We've got the water, and we want to use it. Attached is a brief description of it.

.....Chapter, I. W. L. A.
Town State

By.....

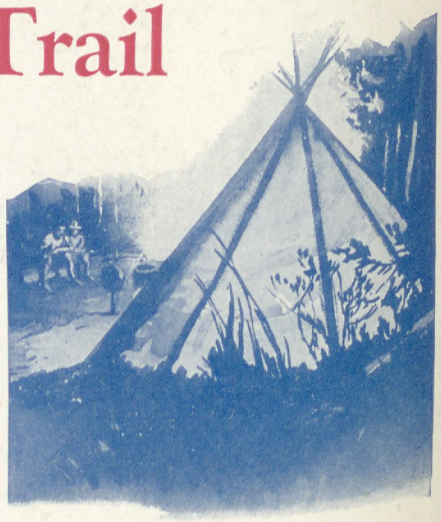
Perhaps you are not a member of the League—perhaps there is no chapter in your community. In that case (and if you still want more bass and a greater outdoors) just fill out the following:

Name.....

Address.....

[ ] I'll help start a chapter—sure!

An Invitation to All Who Long for the Forest Trail



Bacon sizzling on a pointed stick! Corn, potatoes and apples roasting in the ashes! Indian maize cakes browning in the skillet! Does any food ever taste as good as this?

Everybody longs to get out in the woods and wild places now and then. But do you know that camping pleasures increase in direct ratio to the camper's knowledge of how to live in the open—of what to see and where to see it?

The American Indians were the supreme authorities on open-air life—on hunting, fishing and camping. From them the pioneers learned the twin sciences of woodcraft and campcraft.

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